











957

# Early Western Travels

## 1748-1846

---

Analytical Index  
A - K



# Early Western Travels

## 1748-1846

A Series of Annotated Reprints of some of the best  
and rarest contemporary volumes of travel, de-  
scriptive of the Aborigines and Social and  
Economic Conditions in the Middle  
and Far West, during the Period  
of Early American Settlement

Edited with Notes, Introductions, Index, etc., by

Reuben Gold Thwaites, LL.D.

Editor of "The Jesuit Relations and Allied Documents," "Original  
Journals of the Lewis and Clark Expedition," "Hennepin's  
New Discovery," etc.

Volume XXXI

Analytical Index to the Series, A-K



Cleveland, Ohio  
The Arthur H. Clark Company  
1907

M 593868

✓  
R

917

T54

v.31

COPYRIGHT 1907, BY  
THE ARTHUR H. CLARK COMPANY  
—  
ALL RIGHTS RESERVED

88

The Lakeside Press  
P. K. DONNELLEY & SONS COMPANY  
CHICAGO

NY 110088

Y2A581 110088

## CONTENTS OF VOLUME XXXI

|                                                            |    |
|------------------------------------------------------------|----|
| PREFACE TO VOLUMES XXXI AND XXXII. <i>The Editor</i> . . . | 7  |
| LIST OF REPRINTS PUBLISHED IN THE PRESENT SERIES . . .     | 13 |
| LIST OF ILLUSTRATIONS PUBLISHED IN THE SERIES . . .        | 19 |
| ANALYTICAL INDEX TO THE SERIES, A-K . . . . .              | 29 |





## PREFACE TO VOLUMES XXXI-XXXII

In the preparation of this Index, the Editor has had the active co-operation of Annie Amelia Nunns, A. B., Louise Phelps Kellogg, Ph. D., and Lillian Jane Beecroft, B. L. — Miss Beecroft, in the preparation of the preliminary reference slips; both Miss Nunns and Miss Kellogg in the assembling of the large captions; while Miss Nunns has assisted throughout in all matters of editorial supervision and correlation.

Captions concerned with the following subjects have for convenience been alphabetically grouped thereunder, in preference to distributing them through the Index according to their respective alphabetical positions: Bayous, Bays, Bottoms, Bluffs, Cañons, Capes, Caves, Creeks, Falls, Forts, Gaps, Gulfs, Harbors, Inlets, Islands, Isthmuses, Lakes, Mountains (including Hills and Mounts), Narrows, Oceans, Passes, Points, Portages, Ports, Prairies, Rapids, Rivers, Roads, Rocks, Seas, Sounds, Springs, Straits, and Valleys.

Of similar character, but under a more or less analytical arrangement rather than an alphabetical group of captions, are the following: Amusements, Architecture, Cloth, Clothing, Diseases and Remedies, Ferries, Manufactures, Maps, Monuments, Prices, Settlements, Soils, Stone (rocks), Taverns, Trades, Treaties, Troops, Wars, and Weapons.

Large classified captions—to mention only such as might not at first seem obvious arrangements—are as follows: Agriculture, Banks, Bridges, Catholics, Churches (see also Religion), Clergymen (see also Priests), Commerce, Courts (see also Judges), Economic Conditions, Education, Emigration (and Immigration), Farmers, Food, Frontiersmen, Fuel, Fur Trade (see also Hunters and Trappers), Game, Hunters, Indians (see analysis below), Judges (see also Courts), Laborers (see also Servants and Trades), Lands (see also Speculation and Surveyors), Laws, Lawyers, Libraries, Liquors (and Temperance), Meat, Merchants (and Merchandise), Militia (see also Troops), Mines (and Mining), Missions, Money, Navigation (see also Transportation), Negroes (and Slavery), Pilots, Politics, Priests (see also Clergymen), Religion (see also Churches), Sailors, Servants (see also Laborers and Trades), Speculation (see also Lands), Surveyors (see also Lands), Timber (Forests, Lumber and Lumbering, Trees, and Wood), Trappers (see also Fur Trade), English, French, and Spanish.

In searching for information regarding any Indian tribe, reference should also be made to the large general caption "Indians." This is the most complicated in the Index, and its use may be facilitated by first examining the following outline:

## I. ANTHROPOLOGY AND ETHNOLOGY

IN GENERAL. RACIAL CHARACTERISTICS — *Physical, Portraits;* MENTAL; STOCKS; TRIBES; CLANS; HABITAT; MIGRATION; GEOGRAPHICAL INFORMATION; POPULATION.

## II. PHILOLOGY

IN GENERAL.

III. MYTHOLOGY, FOLK-LORE, AND RELIGION  
RELIGION; BELIEFS; MEDICINE-MEN; MYTHOLOGY AND  
LEGENDS; FASTS AND DANCES.

IV. SOCIAL AND ECONOMIC LIFE  
CONDITIONS; OCCUPATIONS — *Hunting, Fishing, Agriculture, Manufactures, Miscellaneous Occupations*; FOOD; DOMESTIC ANIMALS; VILLAGES AND CABINS — *Cabins*; CANOES; FURNITURE; IMPLEMENTS — *Tools, Miscellaneous*; CLOTHING — *Accessories to Dress; Hair and Head-gear*; ORNAMENTATION; DECORATIONS; WAMPUM; PIPES; WARFARE — *Weapons*; WAR CUSTOMS; PEACE; SLAVERY; GOVERNMENT — *Councils, Justice and Punishment*; MORALS; LIQUOR AND INTOXICANTS; COURTSHIP AND MARRIAGE; WOMEN; CHILDREN; AMUSEMENTS; MUSIC; GIFT-GIVING; MISCELLANEOUS CUSTOMS; DISEASES; REMEDIES; MORTUARY CUSTOMS.

V. INTERTRIBAL RELATIONS  
INTERCOMMUNICATION; TRADE; WARS.

VI. RELATIONS WITH WHITES  
IN GENERAL; FRIENDLY; ATTITUDE OF WHITES; LANDS — *Reservations*; TRADE; MISSIONS; INDIVIDUAL RELATIONS; EFFECTS OF CONTACT.

The numerous variants of proper names are, so far as possible, grouped within parentheses following the form adopted by us as the standard.

In the alphabetical arrangement of captions, we have followed C. A. Cutter's *Rules for a Dictionary Catalogue* (Washington, 1891). In cross-references, "see also" refers to other captions; "see also below" (or "above"), to other divisions under the same caption.

The preparation of an analytical index to so large a series as the present, with its scores of thousands of references and cross-references to a multitude of subjects, is of necessity a task involving long and wearisome labor on the part of several co-operators. In the course

of copying, shifting, classifying, and amalgamating these entries — thousands of them having changed form and position perhaps a score of times before finally assigned to their places — it is quite possible that errors have occasionally crept into the mosaic. The editorial methods adopted have been most painstaking; but mistakes will happen under the best of conditions, and it is to be expected that such will now and then be discovered by the user of this volume. If he be merciful, however, he will not undertake to sit in judgment on such lapses without first having qualified himself through personal experience as the maker of an index of similar proportions and complications.

R. G. T.

MADISON, WIS., March, 1907.

LIST OF REPRINTS PUBLISHED IN THE SERIES, AND  
OF THE ACCOMPANYING ILLUSTRATIONS





## LIST OF REPRINTS PUBLISHED IN THE PRESENT SERIES

### VOLUME I (1748-1764) —

WEISER (CONRAD). Journal of a Tour to the Ohio; August 11-October 2, 1748. From *Pennsylvania Colonial Records*, v; with variations from *Pennsylvania Historical Collections*, i.

CROGHAN (GEORGE). Selection of his Letters and Journals, relating to Tours into the Western Country; November 16, 1750-November, 1765. From *Pennsylvania Colonial Records*, v-vii; *Massachusetts Historical Collections* (4th series), ix; Butler's *History of Kentucky* (Cincinnati and Louisville, 1836), Appendix, with variations from other sources; and *New York Colonial Documents*, vii.

POST (CHARLES FREDERICK). Two Journals of Western Tours: one, to the neighborhood of Fort Duquesne (July-September, 1758); the other, to the Ohio (October, 1758-January, 1759). From Proud's *History of Pennsylvania* (Philadelphia, 1798), ii, Appendix.

MORRIS (CAPTAIN THOMAS). Journal of Captain Morris, of His Majesty's XVII Regiment of Infantry, relative to his thrilling experiences upon the Maumee; Detroit, September 25, 1764. Reprint from the author's *Miscellanies in Prose and Verse* (London, 1791).

### VOLUME II (1768-1782) —

LONG (JOHN). Voyages and Travels of an Indian Interpreter and Trader, describing the Manners and Customs of the North American Indians; with an account of the Posts situated on the River Saint Laurence, Lake Ontario, &c.; to which is added, a Vocabulary of the Chippeway Language; Names of Furs and Skins, in English and French; list of words in the Iroquois, Mohegan, Shawanee, and Esquimeaux Tongues; and a Table, shewing the Analogy between the Algonkin and Chippeway Languages. Reprint of the original edition: London, 1791.

### VOLUME III (1795-1803) —

MICHAUX (ANDRÉ). Travels into Kentucky; July 15, 1793-

April 11, 1796. Englished from the original French, appearing in American Philosophical Society *Proceedings*, 1889.

MICHAUX (FRANÇOIS ANDRÉ). Travels to the West of the Alleghany Mountains, in the States of Ohio, Kentucky, Tennessee, and back to Charleston by the Upper Carolines, etc.; September 24, 1801-March 26, 1803. Reprint of (second) London edition, 1805.

HARRIS (THADDEUS MASON). Journal of a Tour into the Territory Northwest of the Alleghany Mountains; April 7-July 1, 1803. Reprint of the original edition. Boston, 1805 (the Journal proper, omitting Appendix as being outside the sphere of the present series).

#### VOLUME IV (1807-1809) —

CUMING (FORTESCUE). Sketches of a Tour to the Western Country, through the States of Ohio and Kentucky; a Voyage down the Ohio and Mississippi Rivers, and a Trip through the Mississippi Territory, and part of West Florida; January 8, 1807-April 11, 1809. Reprint of the original edition. Pittsburg, 1810 (omitting the irrelevant Appendix).

#### VOLUME V (1809-1812) —

BRADBURY (JOHN). Travels in the Interior of America, including a description of Upper Louisiana, together with the States of Ohio, Kentucky, Indiana, and Tennessee, with the Illinois, and Western Territories; December 31, 1809-January 20, 1812, with subsequent data in the Appendix. Reprint of (second) London edition, 1819.

#### VOLUME VI (1811-1814) —

BRACKENRIDGE (HENRY MARIE). Journal of a Voyage up the River Missouri; April 2-August, 1811. Reprint of (second) Baltimore edition, 1816.

FRANCHÈRE (GABRIEL). Narrative of a Voyage to the Northwest Coast of America, or the First American Settlement on the Pacific; July 26, 1811-September 1, 1814. Translated and edited by J. V. Huntington. Reprint of (second) New York edition, 1854.

#### VOLUME VII (1810-1814) —

ROSS (ALEXANDER). Adventures of the First Settlers on the Oregon or Columbia River: being a Narrative of the Expedition fitted out by John Jacob Astor, to establish the "Pacific Fur Com-

pany;" with an account of the Indian tribes on the Coast of the Pacific; May, 1810-April 4, 1814. Reprint of the original edition: London, 1849.

VOLUME VIII (1804-1821) —

BUTTRICK (TILLY, JR.). Voyages, Travels, and Discoveries; September 10, 1804-October 20, 1821. Reprint of original edition: Boston, 1831.

EVANS (ESTWICK). A Pedestrious Tour, of Four Thousand Miles, through the Western States and Territories; February 2-July, 1818. Reprint of the original edition: Concord, New Hampshire, 1819.

VOLUME IX (1818-1820) —

FLINT (JAMES). Letters from America; July 10, 1818-November 9, 1820. Reprint of the original edition: Edinburgh, 1822.

VOLUME X (1818-1821) —

HULME (THOMAS). Journal made during a Tour in the Western Countries of America (Ohio, Indiana, and Illinois); September 30, 1818-August 7, 1819. Reprint from Cobbett's *A Year's Residence in the United States of America* (London, 1828).

FLOWER (RICHARD). Letters from Lexington (June 25, 1819) and the Illinois (August 16, 1819). Reprint of the original edition: London, 1819.

FLOWER (RICHARD). Letters from the Illinois; January 18, 1820-May 7, 1821. Reprint of the original edition: London, 1822.

WOODS (JOHN). Two Years' Residence in the Settlement on the English Prairie, in the Illinois Country; June 5, 1820-July 3, 1821. Reprint of the original edition: London, 1822.

VOLUMES XI and XII (1818-1820) —

FAUX (WILLIAM). Memorable days in America: being a Journal of a Tour to the United States, principally undertaken to ascertain, by positive evidence, the condition and probable prospects of British Emigrants; including Accounts of Mr. Birkbeck's settlement in the Illinois; November 27, 1818-July 21, 1820. Reprint of the original edition: London, 1823.

WELBY (ADLARD). A Visit to North America and the English Settlements in Illinois, with a Winter Residence at Philadelphia;

solely to ascertain the actual prospects of the emigrating agriculturist, mechanic, and commercial speculator; May 5, 1819-May 10, 1820. Reprint of the original edition: London, 1821.

VOLUME XIII (1818-1820) —

NUTTALL (THOMAS). *A Journal of Travels into the Arkansas Territory, with occasional observations on the manners of the Aborigines*; October 2, 1818-February 18, 1820. Reprint of the original edition: Philadelphia, 1821.

VOLUMES XIV, XV, XVI, and XVII (1819-1820) —

JAMES (EDWIN). *Account of an Expedition from Pittsburgh to the Rocky Mountains, performed by order of the Hon. J. C. Calhoun, Secretary of War, . . . compiled from the Notes of Maj. S. H. Long, Mr. T. Say, and other Gentlemen of the Party*; March 31, 1819-November 22, 1820. Text reprinted from the 3-volume London edition, 1823; Preliminary Notice, Long and Swift's calculations of observations, and Say's vocabularies of Indian languages, from the Philadelphia edition of the same year.

VOLUME XVIII (1824-1830) —

PATTIE (JAMES O.). *Personal Narrative during an Expedition from St. Louis through the Vast Regions between that place and the Pacific Ocean, and thence back through the City of Mexico to Vera Cruz, etc.*; June 20, 1824-August 30, 1830. Edited by Timothy Flint, with additional articles by Doctor Willard and Conrad Malte-Brun. Reprint of the original edition: Cincinnati, 1831.

VOLUMES XIX and XX (1821-1839) —

OGDEN (GEORGE W.). *Letters from the West, comprising a Tour through the Western Country, and a residence of two Summers in the States of Ohio and Kentucky*; 1821-1823. Reprint of original edition: New Bedford, Mass., 1823.

BULLOCK (WILLIAM). *Sketch of a Journey through the Western States of North America, from New Orleans, by the Mississippi, Ohio, City of Cincinnati, and Falls of Niagara, to New York, in 1827*. Reprint of original edition: London, 1827.

GREGG (JOSIAH). *Commerce of the Prairies: or, the Journal of a Santa Fé Trader, during eight expeditions across the Great West-*



ern Prairies, and a residence of nearly nine years in Northern Mexico; 1831-1839. Reprint of the 2-volume New York edition (second), 1845.

#### VOLUME XXI (1832-1836) —

WYETH (JOHN B.). Oregon; or, short History of a long Journey from the Atlantic Ocean to the region of the Pacific, by land; March 1, 1832-January 2, 1833. Reprint of the original edition: Cambridge, 1833.

TOWNSEND (JOHN K.). Journey across the Rocky Mountains, to the Columbia River; March 24-November 30, 1836. Reprint of original edition: Philadelphia, 1839 — omitting visit to Hawaii and South America, and the now unessential Appendix.

#### VOLUMES XXII, XXIII, and XXIV (1833-1834) —

MAXIMILIAN, PRINCE OF WIED-NEUWIED. Travels in the Interior of North America; May 17, 1832-August 8, 1834. Translated from the German by Hannibal Evans Lloyd. Reprint of original (English) edition: London, 1843 — with additional material in the Appendix (Volume xxiv), translated by Asa Currier Tilton for the present reprint from the original German edition (Coblentz, 1839).

#### VOLUME XXV (1833-1834) —

CHARLES BODMER'S FAMOUS ATLAS TO MAXIMILIAN. Plates reproduced from the French edition: Paris, 1843.

#### VOLUMES XXVI and XXVII (1836-1842) —

FLAGG (EDMUND). The Far West: or, a Tour beyond the Mountains; June-Autumn, 1836. Reprint of the 2-volume original edition: New York, 1838.

SMET (PIERRE JEAN DE). Letters and Sketches: with a Narrative of a Year's Residence among the Indian Tribes of the Rocky Mountains; February 4, 1841-November 1, 1842. Reprint of original edition: Philadelphia, 1843.

#### VOLUMES XXVIII and XXIX (1839-1846) —

FARNHAM (THOMAS J.). Travels in the Great Western Prairie, the Anahuac, and Rocky Mountains, and in the Oregon Territory; May 21-October 16, 1839. Reprint of the London edition: 1843.

SMET (PIERRE JEAN DE). Oregon Missions and Travels over the Rocky Mountains; February 15, 1844-August 17, 1846. Reprint of the original edition: New York, 1847.



**VOLUME XXX (1845-1846) —**

PALMER (JOEL). Journal of Travels over the Rocky Mountains, to the mouth of the Columbia River; April 16, 1845-July 23, 1846. Reprint of the original edition: Cincinnati, 1847.

**VOLUMES XXXI and XXXII —**

ANALYTICAL INDEX TO THE SERIES.

## LIST OF ILLUSTRATIONS PUBLISHED IN THE SERIES

### PORTRAITS

- Captain Thomas Morris. Photographic facsimile of steel plate in his *Miscellanies in Prose and Verse*. Vol. 1, *frontispiece*.
- François André Michaux. From oil painting in possession of American Philosophical Society. Vol. 3, *frontispiece*.
- Estwick Evans. Vol. 8, p. 17.
- Kaskaia; Shienne Chief; Awappaho [Arapaho]. Vol. 16, p. 200.
- Omaha Indians. Vol. 22, p. 269.
- An Omaha boy. Vol. 22, p. 269.
- Punca Indians in buffalo robes. Vol. 22, p. 287.
- A Teton. Vol. 22, p. 323.
- A Dakota, with plaited hair. Vol. 22, p. 323.
- Mandan, in bull-dance costume. Vol. 24, p. 37.
- Little Soldier (Tukan Haton), a Sioux chief. Vol. 24, p. 59.
- Saukie and Fox Indians on the beach near St. Louis. Vol. 25, plate 10.
- Crow Indians at Fort Clarke. Vol. 25, plate 13.
- Blackfeet Indians on horseback. Vol. 25, plate 19.
- Mexkemanastan, a chief of the Gros Ventre. Vol. 25, plate 20.
- The Cree chief, Le Sonnant. Vol. 25, plate 22.
- Mandeh-Pahchu, a Mandan Indian. Vol. 25, plate 24.
- Manitari Indians. Vol. 25, plate 26.
- Pashtuwa-Chta, an Arikara Indian. Vol. 25, plate 27.
- Massica and Wakusasse, a Saukie and a Fox Indian. Vol. 25, plate 36.
- Shudegacheh, the Punca chief, a Missouri and an Oto Indian. Vol. 25, plate 40.
- Wahktageli, a Dakota Indian. Vol. 25, plate 41.
- A Dakota woman. Vol. 25, plate 42.
- Noahpeh, an Assiniboin, and Psihdje-Sahpa, a Dakota Indian. Vol. 25, plate 45.

- Mato-Topé, the Mandan chief, in his state dress. Vol. 25, plate 46.  
 Mato-Topé, the Mandan chief, with the marks of his exploits. Vol. 25, plate 47.  
 Pehriska-Ruhpa, a Mandan Indian. Vol. 25, plate 50.  
 Maksick-Karehde and Sih-Chida, two Mandans. Vol. 25, plate 53.  
 Pehriska-Ruhpa in the costume of the Dog band. Vol. 25, plate 56.  
 Addih-Haddisch, a Mandan [really Grosventre] chief. Vol. 25, plate 57.  
 Pitetapiu, an Assiniboin warrior. Vol. 25, plate 65.  
 A Cree and a Snake Indian woman. Vol. 25, plate 66.  
 Mehkskéhmé-Sukahs and Tatsicki-Stomik, Blackfeet chiefs. Vol. 25, plate 78.  
 Stomik-Sosak, chief of the Blood Indians; Ninoch-Kiaiu, chief of the Piekanns, and Homach-Ksachkum, a Kutana Indian. Vol. 25, plate 79.  
 The Lodge Pole (Indian name), great chief of the Flat-heads; Victor (in baptism). Vol. 29, *frontispiece*.  
 Insula, or Red Feather (Michel), great chief and brave among the Flat-heads. Vol. 29, p. 333.

## MAPS

- Sketch of the Western Countries of Canada, 1791. Vol. 2, p. 32.  
 Carte des Etats du Centre, de l'Ouest et du Sud des Etats-Unis, 1804. Vol. 3, p. 108.  
 Map of Alleghany and Yohiogany Rivers. Vol. 3, p. 331.  
 Map of the State of Ohio, by Rufus Putnam. Vol. 3, p. 351.  
 Map of the United States of America; comprehending the Western Territory, with the course of the Missouri. Vol. 5, p. 20.  
 Map of the Columbia. Vol. 7, p. 18.  
 Island in the Ohio. Vol. 9, text cut p. 159.  
 Typical township map. Vol. 9, text cut p. 177.  
 Typical subdivision of a township. Vol. 9, text cut p. 178.  
 Map of the Allotments [on English Prairie, Illinois]. Vol. 10, p. 175.  
 Map of Illinois, and Environs of Albion. Vol. 10, p. 177.  
 Map of the Arkansas River, by H. S. Tanner. Vol. 13, p. 22.  
 Map of the country drained by the Mississippi. Vol. 14, p. 30.

- Vertical section of the parallel of latitude 41 degrees North; and of the parallel of latitude 35 degrees North. Vol. 17, p. 185.
- Plan of a proposed rural town, to be called Hygeia. Vol. 19, p. 116.
- Map of the Indian Territory, Northern Texas, and New Mexico, showing the Great Western Prairies, by Josiah Gregg. Vol. 19, facing p. 172.
- Map of the Interior of Northern Mexico. Vol. 20, facing p. 21.
- Plan of Fort Pierre. Vol. 22, p. 319.
- Plan of women's medicine dance. Vol. 23, p. 113.
- Indians seated before Fort McKenzie. Vol. 23, p. 129.
- Map of neighborhood of Fort Clarke. Vol. 23, p. 363.
- Plan of Minitaree medicine feast. Vol. 24, p. 25.
- Plan of Mandan hut. Vol. 24, p. 37.
- Plan of Niagara Falls. Vol. 24, p. 169.
- Map to illustrate the route of Prince Maximilian of Wied in the interior of North America, 1832-1834. With marginal maps of Lake Itaska and the Great Falls of the Missouri. Vol. 25, at end of volume.
- Map of Oregon, drawn by H. J. Kelley, 1830. Vol. 26, p. 26.
- Oregon Territory, 1846. Vol. 29, p. 112.

## FACSIMILE TITLE-PAGES

- John Long, *Voyages and Travels of an Indian Interpreter and Trader* (London, 1791). Vol. 2.
- François André Michaux, *Travels to the West of the Alleghany Mountains* (London, 1805). Vol. 3.
- Thaddeus Mason Harris, *The Journal of a Tour into the Territory Northwest of the Alleghany Mountains* (Boston, 1805). Vol. 3.
- Fortescue Cuming, *Sketches of a Tour to the Western Country* (Pittsburgh, 1810). Vol. 4.
- John Bradbury, *Travels in the Interior of America* (London, 1819). Vol. 5.
- Henry Marie Brackenridge, *Journal of a Voyage up the River Missouri* (Baltimore, 1816). Vol. 6.
- Gabriel Franchère, *Narrative of a Voyage to the Northwest Coast of America* (New York, 1854). Vol. 6.

- Alexander Ross, *Adventures of the First Settlers on the Oregon or Columbia River* (London, 1849). Vol. 7.
- Tilly Buttrick, *Voyages, Travels and Discoveries* (Boston, 1831). Vol. 8.
- Estwick Evans, *A Pedestrious Tour of Four Thousand Miles* (Concord, N. H., 1819). Vol. 8.
- James Flint, *Letters from America* (London, 1822). Vol. 9.
- Richard Flower, *Letters from Lexington and the Illinois* (London, 1819). Vol. 10.
- Richard Flower, *Letters from the Illinois* (London, 1822). Vol. 10.
- John Woods, *Two Years' Residence in the Settlement on the English Prairie, in the Illinois Country* (London, 1822). Vol. 10.
- William Faux, *Memorable Days in America* (London, 1823). Vol. 11.
- Adlard Welby, *A Visit to North America* (London, 1821). Vol. 12.
- Thomas Nuttall, *Journal of Travels into the Arkansa Territory* (Philadelphia, 1821). Vol. 13.
- Edwin James, *Account of an Expedition from Pittsburgh to the Rocky Mountains* (London, 1823). Vol. 14.
- James O. Pattie, *Personal Narrative . . . during an expedition from St. Louis, etc.* (Cincinnati, 1831). Vol. 18.
- George W. Ogden, *Letters from the West* (New Bedford, 1823). Vol. 19.
- William Bullock, *Sketch of a Journey through the Western States of North America* (London, 1827). Vol. 19.
- Josiah Gregg, *Commerce of the Prairies* (New York, 1845). Vol. 19.
- John B. Wyeth, *Oregon; or a Short History of a Long Journey* (Cambridge, 1833). Vol. 21.
- John K. Townsend, *Narrative of a Journey across the Rocky Mountains* (Philadelphia, 1839). Vol. 21.
- Maximilian, Prince of Wied, *Travels in the Interior of North America* (London, 1843). Vol. 22.
- Edmund Flagg, *The Far West; or, a Tour beyond the Mountains* (New York, 1838). Vol. 26.
- Pierre Jean De Smet, S.J., *Letters and Sketches* (Philadelphia, 1843). Vol. 27.
- Thomas Jefferson Farnham, *Travels in the Great Western Prairies* (London, 1843). Vol. 28.

- Pierre Jean De Smet, S.J., *Oregon Missions, and Travels over the Rocky Mountains* (New York, 1847). Vol. 29 — both illuminated and plain title-pages.
- Joel Palmer, *Journal of Travels over the Rocky Mountains* (Cincinnati, 1847). Vol. 30.

## VIEWS OF SCENERY

- View of the Falkland Islands. Vol. 6, p. 205.
- Entrance of the Columbia River. Vol. 6, p. 231.
- Island in the Ohio. Vol. 9, text cut p. 159.
- Little Brandywine, Pennsylvania. Vol. 12, p. 176.
- Susquehanna River at Columbia. Vol. 12, p. 184.
- Distant view of the Mamelle. Vol. 13, p. 153.
- Mamelle. Vol. 13, p. 159.
- Magazin Mountain. Vol. 13, p. 185.
- Cavaniol Mountain. Vol. 13, p. 203.
- Distant view of the Rocky Mountains. Vol. 15, p. 269.
- View of the chasm through which the Platte issues from the Rocky Mountains. Vol. 15, p. 283.
- Formations of limestone rocks. Vol. 22, p. 213.
- Double rainbow. Vol. 24, p. 59.
- Forest scene of the Tobihanna. Vol. 25, plate 4.
- Cave-in-Rock, on the Ohio. Vol. 25, plate 7.
- Cut-off River, a branch of the Wabash. Vol. 25, plate 8.
- Tower Rock, on the Mississippi. Vol. 25, plate 9.
- Singular eminences on the Missouri, with the Citadel Rock. Vol. 25, plate 18.
- The Lehigh and its islands, near Bethlehem. Vol. 25, plate 34.
- Confluence of Fox River with the Wabash. Vol. 25, plate 38.
- Snags in the Missouri. Vol. 25, plate 39.
- Confluence of the Yellow Stone and the Missouri. Vol. 25, plate 62.
- Remarkable eminences on the banks of the Missouri. Vol. 25, plates 67, 68.
- The White Castles on the Upper Missouri. Vol. 25, plate 70.
- The Falls of Niagara. Vol. 25, plate 72.
- The Stone Walls on the Upper Missouri. Vol. 25, plate 74.
- View of the Rocky Mountains. Vol. 25, plate 77.
- A view of the Rocky Mountains. Vol. 27, *frontispiece*.



- Chimney. Vol. 27, p. 217.  
 Devil's Gate. Vol. 27, p. 239.  
 Soda Springs. Vol. 27, p. 245.  
 Fording the river Platte. Vol. 27, p. 271.

### TOWNS, BUILDINGS, BRIDGES, ETC.

- Astoria as it was in 1813. Vol. 6, p. 170.  
 A log house drawn from Ingle's Refuge, State of Indiana, U. S., by W. Faux. Vol. 11, p. 20.  
 Log tavern, Indiana. Vol. 12, p. 142.  
 Bridge at Columbia, Pennsylvania. Vol. 12, p. 179.  
 Place of worship and burial ground, at Ligonier Town, Pennsylvania. Vol. 12, p. 185.  
 Widow McMurren's Tavern, Scrub Ridge. Vol. 12, p. 189.  
 View on Scrub Ridge. Vol. 12, p. 193.  
 Ferry at Maysville, on the Ohio. Vol. 12, p. 209.  
 Maysville, on the Ohio, Kentucky. Vol. 12, p. 215.  
 Frankfort, Kentucky. Vol. 12, p. 224.  
 The church at Harmonie. Vol. 12, p. 264.  
 Bridge at Zanesville, Ohio. Vol. 12, p. 277.  
 Cadron settlement. Vol. 13, p. 163.  
 A kitchen scene. Vol. 19, p. 291.  
 Boston lighthouse. Vol. 25, plate 1.  
 Landing place at Bordentown, on the Delaware, and the country-seat of the Count de Surveilliers. Vol. 25, plate 2.  
 View of the Moravian settlement at Bethlehem. Vol. 25, plate 3.  
 Mauch Chunk, on the Lehigh, with the end of the railway from the coal mines. Vol. 25, plate 5.  
 House of correction at Pittsburg. Vol. 25, plate 6.  
 New York harbour. Vol. 25, plate 33.  
 New Harmony, on the Wabash. Vol. 25, plate 35.

### TRAVEL AND TRANSPORTATION

- Arrival of the caravan at Santa Fé. Vol. 19, *frontispiece*.  
 March of the caravan. Vol. 19, p. 245.  
 Mexican arrieros, with an atajo of pack-mules. Vol. 19, p. 315.  
 Bivouac in the forest. Vol. 25, plate 23.

- Steam-boat on Lake Erie. Vol. 25, plate 32.  
The Yellow Stone steam-boat. Vol. 25, plate 37.  
Indian mode of travelling. Vol. 27, p. 325.

## FORTS

- View at Fort Cumberland, Maryland. Vol. 12, p. 281.  
View at Fort Cumberland, Maryland. Vol. 12, p. 286.  
Camp Comanche. Vol. 20, p. 123.  
Belle Vue, Major Dougherty's post. Vol. 25, plate 31.  
Fort Pierre and the adjacent prairie. Vol. 25, plate 43.  
View of Fort Union; the Assiniboina breaking up their camp. Vol. 25, plate 61.  
Fort McKenzie, with the combat of 28th August, 1833. Vol. 25, plate 75.

## MISSIONS

- Allegorical sketch. Vol. 27, p. 126.  
Worship in the desert. Vol. 27, p. 139.  
Apparition. Vol. 27, p. 345.  
Indian symbolical catechism. Vol. 27, p. 403.  
Interior of St. Mary's Church, Flat-head Mission: Communion at Easter. Vol. 29, p. 175.  
Mission of St. Ignatius at Kalispel Bay, among the Pends d'Oreilles. Vol. 29, p. 187.  
St. Mary's, among the Flat-heads. Vol. 29, p. 323.  
View of the new Mission establishment in 1846, among the Pointed-Hearts. Vol. 29, p. 315.

## MISCELLANEOUS INDIAN VIEWS

- War dance in the interior of a Konza lodge. Vol. 14, p. 208.  
Oto council. Vol. 14, p. 238.  
Pawnee council. Vol. 14, p. 246.  
Skin lodges of Kaskaias. Vol. 16, p. 107.  
Kiawa encampment. Vol. 16, p. 196.  
Indian alarm on the Cimarron River. Vol. 20, *frontispiece*.  
Method of wearing hair. Vol. 22, p. 287.  
Tents of the Sioux. Vol. 22, p. 319.

- Sioux burial stages. Vol. 22, p. 347.  
Mandan huts. Vol. 23, p. 267.  
Mandan bed. Vol. 23, p. 285.  
Tents of the Puncas, on the bank of the Missouri. Vol. 25, plate 11.  
Washinga-Sahba's grave on Blackbird's Hill. Vol. 25, plate 12.  
Offerings of the Mandan Indians. Vol. 25, plate 14.  
Tent of an Assiniboin chief. Vol. 25, plate 16.  
Dance of the Mandan Indians. Vol. 25, plate 25.  
Dance of the Mandan women. Vol. 25, plate 28.  
Horse-races of the Dacota Indians. Vol. 25, plate 30.  
Corpse of a Dacota on a platform. Vol. 25, plate 44.  
Mih-Tutta-Hang-Kusch, a Mandan village. Vol. 25, plate 48.  
Mandans on the frozen Missouri. Vol. 25, plate 49.  
Buffalo dance of the Mandan Indians. Vol. 25, plate 51.  
Inside of a Mandan hut. Vol. 25, plate 52.  
Offerings of the Mandan Indians. Vol. 25, plate 58.  
Winter village of the Manitaris. Vol. 25, plate 59.  
Scalp dance of the Manitaris. Vol. 25, plate 60.  
Assiniboin corpse deposited in a tree. Vol. 25, plate 63.  
Camps of the Gros Ventres des Prairies. Vol. 25, plate 71.  
Great camp of the Piekanns near Fort McKenzie. Vol. 25, plate 76.  
Kanza village. Vol. 27, p. 195.  
Interior of a Kanza lodge. Vol. 27, p. 203.  
Shayenne warriors. Vol. 27, p. 275.

### INDIAN ART, UTENSILS, ETC.

- Indian record of a battle between the Pawnees and the Konzas — a facsimile of a delineation upon a Bison Robe. Vol. 14, p. 202.  
Bear trap. Vol. 22, p. 107.  
Indian pipes. Vol. 22, p. 175.  
Omaha war club. Vol. 22, p. 269.  
Punca war club. Vol. 22, p. 269.  
Bows, arrows, and quiver. Vol. 22, p. 287.  
Dakota pipes. Vol. 22, p. 323.  
Hill of baked clay. Vol. 22, p. 323.  
A Blackfoot musical instrument. Vol. 22, p. 361.  
Stone battle-axe. Vol. 22, p. 361.  
Assiniboin pipes. Vol. 22, p. 361.

- Pipe for warlike expeditions. Vol. 22, p. 361.  
A Grosventre dagger. Vol. 23, p. 105.  
Horn drinking cup. Vol. 23, p. 105.  
Blackfoot parchment bags. Vol. 23, p. 105.  
Talc pipes. Vol. 23, p. 105.  
Badge of Prairie-dog band. Vol. 23, p. 113.  
Badge of Raven band. Vol. 23, p. 113.  
Pipe-lighting stick. Vol. 23, p. 113.  
Hand looking-glass. Vol. 23, p. 267.  
Cylinder of planks. Vol. 23, p. 267.  
A Mandan letter, in hieroglyphics. Vol. 23, p. 285.  
Child's dart, of stag-horn. Vol. 23, p. 285.  
Stone club, with handle. Vol. 23, p. 355.  
A knotted wooden club. Vol. 23, p. 355.  
Arikara bird-cage gourds. Vol. 23, p. 355.  
Club, with carved head. Vol. 24, p. 25.  
Dog-sledges of the Mandans. Vol. 25, plate 29.  
Buffalo robe and other articles of the Mandans. Vol. 25, plate 54.  
Mato-Topé's representation of a single combat in which he was engaged. Vol. 25, plate 55.  
Indian implements and arms. Vol. 25, plate 81.

## ANIMALS

- "Dog Town," or settlement of Prairie Dogs. Vol. 20, p. 279.  
Antlers of deer. Vol. 22, p. 347.  
Head of *Cervus macrotis*. Vol. 23, p. 129.  
Head of *Canis latrans*. Vol. 23, p. 247.  
Head of *Antilocapra Ord.* Vol. 23, p. 247.  
Heads of sledge dogs. Vol. 24, p. 37.  
Beaver dens on the bank of the Missouri. Vol. 25, plate 17.  
The elk-horn pyramid, on the Upper Missouri. Vol. 25, plate 21.  
Herd of buffaloes on the Upper Missouri. Vol. 25, plate 73.  
Herds of buffaloes and elks on the Upper Missouri. Vol. 25, plate 80.

## HUNTING

- Still hunting. Vol. 20, p. 181.  
Hunting the buffalo. Vol. 21, p. 110.  
Spearing the salmon. Vol. 21, p. 259.

- Hunting signal of the Assiniboina. Vol. 25, plate 15.  
Indians on horseback hunting the buffalo. Vol. 25, plate 64.  
Bear hunt on the Missouri. Vol. 25, plate 69.  
The hunters at the buffalo feast. Vol. 29, p. 227.  
Great buffalo hunt; View of the Muscle-Shell Mountains. Vol. 29,  
p. 337.  
Announcement of the discovery of buffalos. Vol. 29, p. 347.  
The chief reports to his camp that buffalos are in sight. Vol. 29,  
p. 351.  
The chief at the head of his hunters. Vol. 29, p. 355.  
Buffalos discovered. Vol. 29, p. 387.  
A prayer for success in hunting. Vol. 29, p. 401.

### IMPLEMENTS, ETC.

- Wooden fence. Vol. 9, text cut p. 40.  
Horse rake. Vol. 9, text cut p. 41.  
Buck saw. Vol. 9, text cut p. 61.  
Cradle scythe. Vol. 9, text cut p. 125.  
Wooden scoop. Vol. 12, text cut p. 203.  
Neck-yoke and plow. Vol. 22, p. 175.  
Harpoons for dolphins. Vol. 24, p. 169.

### MISCELLANEOUS

- Rescue of an Indian child. Vol. 18, p. 57.  
Mr. Pattie wounded by an Indian arrow. Vol. 18, p. 161.  
Shooting Mr. Pattie's horse. Vol. 18, p. 185.  
Messrs. Pattie and Slover rescued from famish. Vol. 18, p. 217.  
Burial of Mr. Pattie. Vol. 18, p. 243.  
Gold-washing. Vol. 19, p. 291.  
Riding dress of caballero. Vol. 19, p. 291.  
Medal of Nuestra Señora de Guadalupe de Mexico. Vol. 20, text  
cut p. 40.  
Mule emerging from a mine. Vol. 20, p. 181.

ANALYTICAL INDEX TO SERIES  
A - K





# INDEX

- ABOT, WIGGIN, with Wyeth, XXI, 73; killed by Indians, 326.  
 Abbotstown (Pa.), Harris in, III, 369, 373.  
 Abenaki Indians, habitat, XIII, 357.  
 Abenaki (Abenakis, Abnaqui, Abonaki) Indians, habitat, I, 169, XXVII, 65; population, I, 169;  
     French connections, 169; hostile to English, 191, 192; exterminated, XXVII, 66-68. See also  
     Delawares.  
 Abercromby, Gen. James, at Lake George, I, 163; at Ticonderoga, 153, 189.  
 Aberdeen (Ohio), founded, IV, 202, XXII, 155; Maximilian in, 154.  
 Abernethy, Gov. George, owns mill, XXX, 159; merchant, 179; founds settlement, 178.  
 Albert, Col. James W., expedition, XIV, 22; on Canadian River, XVI, 191.  
 Albigdon (Va.), emigrants in, XIX, 58; A. Michaux, III, 52; road, 46, 47.  
 Albuquerque (N. Mex.), Pattie in, XVIII, 75; gold mines, XIX, 303, 309.  
 Alamo (N. Mex.), pueblo ruin, XIX, 302, 303; salines near, 311; described by Carleton, 336.  
 Albrecht, Don Ramon, prefect, XIX, 272, 273.  
 Albrecht, Don Santiago, assassinated, XIX, 273.  
 Albrizzi, Luigi, Duke of, Italian explorer, XXIX, 32.  
 Algonquian Indians. See Crows.  
*alsinethium*. See Wormwood.  
 Alouatta, habitat, XIV, 213; cultivated, XXII, 172; as shade trees, 130, XXVI, 259; observed by  
     Maximilian, XXII, 145; *arabica* (species of mesquite), XVIII, 94, XIX, 297; *robinia pseu-*  
     *doacacia*, XVI, 156.  
 Alouatta, surrendered to French, I, 222; Bellestre in, 108.  
 Alouattians, in Baton Rouge, IV, 340; in Avoyelles (La.), XVII, 62.  
 Alouatta, habitat, XVI, 155.  
 Alouatt, Michel, with Hennepin, XXVII, 38.  
 Alouatti, Father Michele, missionary to Oregon, XXIX, 137, 142; illness, 167.  
 Alouatt. See Maple.  
 Alouattama, Delaware chief, I, 37.  
 Alouattians, habitat, VIII, 234.  
 Alouatta *millefolia*, habitat, XIV, 156.  
 Alouattaké (handsome woman), in Fort McKenzie, XXIII, 158.  
 Alouattian, Nuttall observes, XIII, 273.  
 Alouattmann,—, publisher, XXII, 31.

Acoma, pueblo of (N. Mex.), XX, 64, 69; population, 64.

Acorns, abundant, XVII, 31; large, XI, 279; as food and fodder, IX, 234, X, 285, 347, 354, XI, 212, XVII, 32, 33, XXVIII, 14, 359, 369.

Acosta, José de, *Historia de las Indias*, XX, 286; sketch, 286.

*Actæa spicata*, III, 29.

*Actinomeris squarrosa*, habitat, XXIX, 424.

Actopan, porphyritic organ-pipes of, XVIII, 378.

Adair, James, author, II, 13, 64, VI, 119; notes Indian customs, XIII, 125, 350; quoted, 190 XX, 316; *American Indians*, II, 64, 67, 108-110, 187, 193, VIII, 73, XIII, 258.

Adair, Gen. John, in Kentucky, III, 211-213, 217.

Adam and Eve (plant), habitat, III, 92; numerous, XXII, 242.

Adams, —, guide to Oregon, XXX, 39, 40; with Long, XVI, 160, 161, 165-168, XVII, 12; in Washington, XI, 118; letter by, 158; observes locusts, 158; postmaster, X, 73.

Adams, Don —, Spanish interpreter, XV, 191; engagé, XVII, 98.

Adams, Henry, *United States*, XIX, 121.

Adams, Herbert B., *Maryland's Influence on Land Cessions to United States*, XIX, 79.

Adams, John, in Edwardsville (Ill.), XXVI, 199.

Adams, President John, mountain named for, XXVIII, 305; unpopularity, III, 144, 293; appoints Vanderburgh, XI, 209.

Adams, John Quincy, in Harvard College, III, 20; letter from Astor, VII, 244; defends Jackson, VIII, 354; portrait, XXII, 139; quoted, XII, 136; *Memoirs*, XVIII, 313.

Adams, M., founds Adamsville (Ohio), XXII, 155.

Adams, Sarah Flower, author, X, 115.

Adams, Seth, in Boston, III, 313; Marietta (Ohio), 357.

Adams family, on Mulberry Creek (Ark.), XIII, 195.

Adams County (Ill.), in bounty tract, XXVI, 128.

Adams County (Ohio), Rockville in, XXII, 154; seat, X, 69; road, IV, 203; Ellis in, 202.

Adams County (Pa.), road, III, 369; Germans in, 50.

Adam's needle (*yucca angustifolia*), described, XV, 232, XXVII, 255; sketch, 255, 256.

Adamsburg (Pa.), location, IX, 79; population, 80; Flint in, 79.

Adamsville (Ky.), salt manufacture in, XIII, 60.

Adamsville (Ohio), founded, XXII, 155; situation, VI, 166; Maximilian in, 154.

*Adansonia*, gigantic, XIV, 69.

Adder's tongue, habitat, XXII, 51.

Addih-Hiddisch (Addia Haddish, Road Maker), Grosventre chief (wrongly styled Mandan by Bodmer), XXII, 363; belief in future state, XXIII, 374; furnishes vocabulary, XXIV, 261; portrait, XXIII, 369, XXV, 57.

Addington, Henry U., treaty negotiated by, XXIX, 57.

Addison, Judge Alexander, in Pittsburg, IV, 84; in Uniontown (Pa.), III, 363; impeached, 31.

Addison, Joseph, works published, XXVI, 32; attacked by Cobbett, X, 167.

Adet, Pierre Auguste, French minister to United States, III, 76.

Iron-dack Indians, at war with Iroquois, II, 41, 42; alliance with French, 42; in Fort Duquesne, I, 85.

Jobs, as building material, XIX, 284, 288, 301, 324, XX, 160, 187, XXI, 278, XXVIII, 308, 322, 337, XXX, 61, 86.

*nothera*, Bradbury observes, V, 102.

*sculus*, habitat, XIV, 67, XVI, 164; one species described, XIV, 67; *hippocastanum*, 67; *Ohio*, XVI, 156; prickly-fruited, XIV, 156.

American Society, engages Mungo Park, XXVI, 234.

*garics*, habitat, XV, 186.

gate, on Platte River, XVII, 215; in Virginia, III, 47; abundant, XXI, 182; Farnham observes, XXVIII, 378; Long, XV, 241; Nuttall, XIII, 217; Townsend, XXI, 236; fortifications, XIV, 212.

gave (*agave lechuguilla*) described, XX, 157; abundant, 157; ropes of, XVIII, 378; *americana*, XII, 125, XVIII, 99.

gkanegunik (people of Tobacco Plains) Indians, habitat, XXIX, 203.

gmes, Indian convert, I, 178, XXVII, 355, 356.

AGRICULTURE: Important to Americans, VIII, 132-135, 138, XI, 160; effect on climate, XII, 101, 102, XXVII, 94, 107; healthful, XVII, 115; followed by unnatural conditions, XXVIII, 176, 177; public spirit regarding, III, 207; followed by town-folk, IX, 238; state of in Middle West, III, 109, 132, 133, XI, 220, XII, 18, 101-103; East and Middle West compared, XII, 258; West and South dependent on, VI, 162; promoted by flour-mills, X, 135; portrayed by Evans, VIII, 12.

*Among Indians*: IV, 89, 90, V, 50, 86, 90, 114, VI, 116, VIII, 74, 312, XIII, 121, 173, 174, 181, 258, 5, 328, 330, XIV, 135, 197, 289, XV, 29, XVI, 247, 248, XVII, 17, 20, 71, XVIII, 222, 223, XX, 56, 71, 73, 303, 315, 317, XXI, 48, XXIII, 90, 238, 241, 274, 387, XXIV, 183, XXVII, 130, 206, 3, 365, XXVIII, 85, 119, 122, 131, 133, 135, 136, 138-140, 146, 260, XXIX, 131, 185, 186, 191, 200, 3, 220, 301, 381, XXX, 111, 113, 126, 235, 238; crudeness of, XV, 216; neglect, XX, 300; Bradbury portrays, V, 14; taught by missionaries, XVIII, 275, XXVIII, 344, XXIX, 22, 131; fostered by United States, XXVIII, 133, 140, 144, 147; implements, XVI, 277, XXII, 286, XXIII, 276, XXVIII, 148, XIX, 307. See also Indians.

*Spanish*: state of in New Mexico, XIX, 259, 287, 288; promoted by Spain, 339; among Spaniards, XVIII, 115, 145.

*French*: attitude of settlers toward, XIII, 140, 166, XIV, 108, XIX, 59, XXVII, 48, 50, 55.

*Farming*: IV, 168, 170, V, 158, 175, 195, 284, 302, 304, 305, VI, 37, 38, 57, 375, VIII, 120, 280, IX, 65, 81, 122, 252, 281, 326, X, 44, 45, 57, 65, 77, 102, 201, 209, 339, XI, 73, 131, XVI, 286, 290, XIX, 9, 141, XXI, 27, 147, 333, XXII, 145, 159, XXVI, 215, 260, 266, XXVII, 26, 65, 115, 116; on Allegheny River, VIII, 246; Arkansas, IV, 298, 300, XIII, 112, 113; Arkansas River, 170; Brooklyn (N. Y.), XII, 76; Carolina, III, 297; Chillicothe, IX, 119; Cowlitz (Oregon), XXIX, 129; Delaware River, IX, 53; Detroit, I, 152, VIII, 220; English Prairie, XII, 254; Fleury's Island, XXIX, 369; Fort Clark, XXIII, 235; Fort Colville, XXIX, 40; Fort Edmonton, 249; Fort Vancouver, XXI, 298, XVIII, 380, XXIX, 64-66, XXX, 210; Fort William, VI, 388; French Prairie, VII, 248; Illinois, V, 273-275, XI, 269, XXVI, 302-304, 314, 318, 319, 322, 368; Indiana, IV, 257, 263-265, 270-272, I, 190, 200, 201, 204, 209, 214, 225, 248, 257, 283, 289, 300, XII, 11, XXIV, 139, 140; Kaskaskia, I, 69; Kentucky, 38, 196, 237, 238, IV, 179, 180, 197, 198; Kettle Falls, VI, 398; Lake Winnipeg, 199; Lapwai, XXX, 240; Little Prairie (Mo.), IV, 283; Little Wabash River, XI, 262; Long and, XII, 76, 77; Maryland, X, 186; Maysville (Ky.), XIV, 64; Meramec River, XXVI, 105;

AGRICULTURE: *Farming* (continued)—

Mexico, XVIII, 171; Michigan, VIII, 214; Mississippi River, IV, 296, 308, 358-361, 368, VIII, 325, 326, XXVI, 89, 109; Missouri Valley, VI, 35-37, 40, 44, XXVI, 274; Monongahela River, IV, 241; Multnomah Valley, XXI, 201; New Hampshire, VIII, 109; New Jersey, IX, 50, XXII, 61; New Mexico, XIX, 284; New York, III, 129, 130, XI, 300; North Carolina, III, 292, 293; Ohio, IV, 201, 206, 211, 213-215, 217, 219, 220, 224, 229, 233, IX, 92, 154, 279, 300, 304, XI, 168, 172, 173, 178, 179; Ohio Canal, XXIV, 152; Ohio River, I, 134, III, 190, 191, 194, 350, IV, 95, 96, 103-105, 107-112, 114, 115, 117, 118, 120, 128, 131, 134, 139, 148, 149, 151, 152, 156, 158, 160, 165, 167, 180, 220, IX, 115, 158, XI, 185, XIV, 62, 63, XIX, 133, XXVI, 72; Onondago County (N. Y.), XXIV, 180; Oregon, XXIX, 118, 133, XXX, 169, 173, 285, 295; Pennsylvania, III, 138, 140-143, 151-153, 169, 320, 367, IV, 30, 33, 37, 49, 55, 57, 68, 75, 89, 92, 93, 105, 249, 252, IX, 78, XII, 20, 22, 93, 99, 100, XIII, 38, XXII, 87; Potomac River, XII, 97; Rainy Lake River, VI, 383; Red River, XIII, 221; St. Ignatius Valley, XXIX, 307; St. Joseph's (Mo.), XXX, 255; St. Lawrence River, IX, 328; St. Louis, XIV, 111, XXVI, 148; Saltillo (Mex.), XVIII, 360; Santiam Valley, XXX, 185; Schoharie, VIII, 122; Scioto River, I, 134; Smithland (Ky.), IV, 275; South Carolina, III, 123; Susquehanna River, IX, 66; Tennessee, III, 256, 280, 281; Vincennes, I, 141, XI, 281; Washington (D. C.), XII, 53, 57, 62, 95; West Virginia, III, 170, IV, 95, 234-236; White River, XVII, 31; Willamette Valley, XXI, 73, XXIX, 18, 24, 50, XXX, 182; size of farms, III, 142, IX, 236; unprofitable, XI, 126, 130, 131, 137, 140, XII, 17, 80, 81, 111; abandoned, XXIX, 97; by trading companies, 96, XXX, 207; Russian fur company, XVIII, 286.

*Gardening*: V, 157, VIII, 330, IX, 218, 232, X, 50, 99, 100, 123, 203, 204, 234, 313, XII, 76, 176, XVIII, 86, XIX, 139, 152, XXI, 26, XXII, 41, 42, 73, 88, 111, XXIV, 137, 138, XXVI, 145, 173, 174, 184, 210, 259, 290, XXVII, 58; in Albion (Ill.), XII, 255; Arkansas, XIII, 112; Columbia River, VI, 318, 319; Detroit, VIII, 215; Florida, IV, 336; Fort Duquesne, 249; Fort Walla Walla, XXI, 281; Illinois, X, 132, 144, XI, 239; Louisiana, IV, 361; New Harmony (Ind.), XXVI, 67; New Orleans, IV, 363; Pennsylvania, 240; South Carolina, XII, 72, 73; Washington, 63; Washita River, XIII, 284; West Virginia, IV, 95, 108; gardeners, X, 103, 132, 144, XII, 63, 111, XXIX, 66; flower gardens, V, 360, IX, 53, 315, XII, 125, XXVI, 259, XXIX, 57; landscape, IV, 258, IX, 255, X, 103; vegetable, III, 299, IV, 129, 325, XII, 111, XXII, 106, 129, XXVI, 193, XXVII, 118; cultivated, III, 123, 215, IV, 321, 339, V, 157, VI, 37, X, 123, 234, XII, 76, 174, XX, 315, XXVIII, 129, 131, 135, 136, 173, XXIX, 18, 44, 50, 57, 66, 85, 87, 88, 92, 185, 250, XXX, 111; method of planting, X, 305; variety, XII, 201 (see also the several kinds); quality, X, 353; scarce, 246, XI, 219, XIII, 83, XIV, 280, XXI, 199, 232, XXVIII, 72, 236; abundant, VIII, 341, IX, 30, XII, 71, XXI, 126, XXII, 183, XXVIII, 155, XXIX, 22; article of trade, VII, 62, IX, 234, X, 133, 192, 250, 256, XXIV, 126, XXX, 111, 116; prices, X, 193, XI, 119, 219, XII, 62-64, 324, XIX, 136; duty on, XVIII, 353, 354, XX, 149; eaten, VIII, 75, XVIII, 165, 210, XXVI, 194; sacrificed to dead, VII, 65; annual production, XII, 97; amount per acre, 100; England and United States compared, 100; indifference to, 209, 246; pests, XXII, 106; marketing, IX, 30, XII, 182; hucksters, IX, 60, XXII, 61, 130; cost, XI, 191.

*Economic conditions*: means of subsistence, XVII, 147; of acquiring wealth, XI, 153-156; profitable, XXVII, 59; yearly income, VIII, 326; unremunerative, IX, 303; mismanaged, XI, 126, 127, 137, 138, 168, 169, 178, 213; depressed condition, IX, 226, XII, 103; hindered by freshets, XXIX, 48; abundant game, XV, 245; lack of transportation facilities, XIX, 295; preferred to trade, III, 201; investment for capital, XII, 63, 93; profits, XI, 118, 121, 131, 140, 143, 147-150, 153, 154, 156, 161, 162, 227, 241, 290; per cent profit on capital invested, XII, 98; productions, X, 128, 141, XIX, 290, 294-299, XXX, 286; yearly production, XII, 97; production per acre, XI, 137, 140-142, 145, 146, 153, 155, 161, 176, 178, 187, 199, 201, 204, 236, 242, 248, 285, XII, 100, 218, XVII, 106; cost of production, XI, 180, 240, 241; productions in Indiana and Ohio compared, XIX, 65; cost of cropping per acre, XI, 150; surplus produce, XII, 81; prices of produce, XI, 191, 214; relation to



portation, XII, 119; early shipments to Europe, IV, 11; value in New York, VIII, 180; taxes on, VIII, 354.

*Frontier conditions:* impulse to emigration, V, 13, 302-306, VIII, 135, IX, 88, XII, 60; advantages, V, 286, XI, 59; hardships, XXVI, 62; unattractive to pioneers, XVII, 33; attractive, V, 5, IX, 233, 312; occupation for pioneers, III, 18, IV, 137, XIX, 82.

*Methods:* English system, XI, 102, 116, 124, 125, 140; English and American compared, XII, 120; disadvantages of American, XI, 125; American preferred, X, 343; Scotch immigrants adopt, X, 120; co-operative methods, XI, 229, 296; backwoodsmen slovenly, X, 188, 189, 202, 340; improved, V, 260, XI, 126; land clearing, III, 268, X, 209, XI, 176, 223, 256, 289, 295, XII, 287; cost of, XI, 110, 176, 179, 202, 240, 241, 256, 287; preparing land, III, 170, XII, 57; sowing, XXII, 18; plowing, X, 203, XXII, 133; threshing, IX, 42, XI, 116, XXII, 184; rotation of crops, V, 310, XII, 144, 194, X, 202, 203, 294, 295, 301, XI, 187, 285; repetition, IX, 147, 148; housing of crops, 42; soils adapted to, XVI, 98, 135, 142, XVII, 39, 108, 109, 125, 126, 147; fallow lands, X, 260, XI, 187.

*Crops:* barley, X, 296; clover, IV, 250, X, 41, XI, 116, 148, XII, 178, XXII, 91, XXIV, 135; corn, I, 281, III, 178, 212, IV, 160, 170, 171, 180, X, 52, 53, 99, 101, 140, 147, 211, 232, 262, 263, 298-300, XI, 78, 80, 148, 227, 245, 252, XII, 217, XIV, 74, XVI, 247, XVII, 56, XVIII, 308, XIX, 54, 253, 325, XX, 99, 155, 303, XXII, 40, 47, 74, 77, 141, 194-196, 266, 272, XXIV, 134, XXVI, 48, 99, 190, 210, 211, 215, 261, 300; size of fields, XIV, 162; overrun with weeds, XIII, 58; destroyed by squirrels, XXI, 133; broom corn, X, 302; green corn season, XVII, 55; cotton, IV, 336, 338, X, 17, XI, 78, 80; production per acre, XIII, 142; unprofitable, 281; flax, X, 298; hay, XI, 106, XII, 115; stacks, XI, 159; maize, XXIV, 20, 77, 107, 111, XXVI, 55, 112, 183, 252, 255, 290, 293, XXVII, 22, 71, 99, 116, 187; oats, X, 211, 295, 296, XI, 106, XII, 178; potatoes, XXIV, 107, 179; rice, III, 294; rye, X, 211; sugar, V, 211, 212, XIII, 307, 308, XVIII, 151, 362, 363; timothy, X, 198, 22, 286, 293, XXVIII, 236; tobacco, IV, 180, X, 297, 298, XI, 121; profits, III, 212, IV, 103, 180, XI, 231, VIII, 209, X, 53, 54, 133, 140, 188, 211, 294, 295, 315, XI, 88, 121, 248, XII, 66, 178, 265, IV, 128, XVIII, 156, 308, 348, XIX, 253, XX, 77, XXIV, 179, 182, XXVI, 193, 277, XXX, 168, 169, 187; compared with corn culture, IX, 117. See also the several crops.

*Dairying and stock raising:* dairy farms, XI, 137, XXI, 26, 301, 319, XXX, 193; stock raising, IX, 39, 233-235, X, 45, 57, 122, 123, 147, 339, XI, 146, 148, 178, 204, 218, 219, 234, 255, XIII, 311, XVI, 286, XIX, 141; capital required, XII, 101; farming versus, 94; hog raising, XI, 283; sheep raising, 255; pasturage, III, 194, VIII, 106, 262, 348, IX, 317, X, 65, 140, XI, 106, 107, 188, 190, 26, 265, XII, 13, 14, XIII, 113, 142, XIV, 75, 213, XIX, 31, 138, 298, XXI, 26, XXVII, 26, XXIX, 3, XXX, 211, 232; scarcity of, XII, 100; diminished value of, 218; comparison between East and West, VIII, 146 (see also Grass); meadow land, III, 221, IV, 180, 236, IX, 78, 305, 306, X, 5-217, 220, 234, XI, 213, XXII, 92, XXVI, 304; graziers, X, 101, 122, 123, XI, 146, 148.

*Orchards:* IV, 37, 134, 149, 151, 152, 167, 233, 236, 250, V, 281, VIII, 268, IX, 28, 39, 52, 53, 65, 78, 233, 252, 254, 300, 327, X, 57, 100, 123, 189, 198, 211, 215, 224, 309, 310, 313, 353, 354, XI, 2, 185, 213, 246, 251, 280, XII, 76, 77, 177, 205, XIII, 69, XVIII, 226, 227, XIX, 133, 139, 152, 296, X, 155, 203, XXI, 26, XXII, 88, 130, 145, 165, 195, XXIV, 173, 175, XXVI, 173, 174, 184, 210, 22, 266, XXVII, 26, XXVIII, 337, XXIX, 66, 129, 322, XXX, 34, 180, 210; care of, VIII, 146; destruction, XII, 67; apple, III, 130, 241, 358, IV, 50, 115, 233, 249, 317, V, 296, 310, X, 189, 9, 313, XI, 172, 284, XIX, 33; grapes — see Vineyards; mulberry, XXII, 141; orange, III, 5, XIII, 314; peach, III, 212, 214, 241, 242, 358, IV, 115, 317, XI, 183, 284; preferred to other fruits, III, 299; plum, XI, 88; fruit raising, IV, 129, XI, 79, XII, 174, XXII, 47, 61, 78, 88, XXVIII, 4, XXIX, 92, 185, XXX, 168; fruit scarce, X, 227; abundant, 354, XI, 163, XVIII, 152, 308, XIV, 173; article of trade, IX, 234, X, 192, 256, XXII, 61; duty on, XVIII, 353, 354, XX, 149; uses, X, 196, XII, 62; eaten, XIX, 189, XXIX, 259; bears eat, XIII, 210; dried, XVIII, 347, 360, XIX,



AGRICULTURE: *Orchards* (continued)—

136, XXX, 260; preserved, IX, 161; European and United States compared, XII, 100; tropical in Mexico, XX, 165. See also the several kinds.

*Fertilizing and irrigation*: fertilizers, III, 170, VIII, 142-144, 194, IX, 37, XI, 116, 139-141, 145, 146, 155, XII, 57, 68, 76, 77, 94, 322, XIII, 301, 302, XIX, 43, 285, XXI, 298, XXII, 88, 171, XXIII, 241, XXIV, 186; manure, IX, 39, X, 71, 74, 201, 204, XI, 141, 145, 155, XII, 94, XIV, 101, prices, X, 74; lack of fertilization, IX, 149; irrigation, XI, 159, XII, 114, XVIII, 156, 341, 349, 359, XIX, 288, 289, XXVIII, 173, 174.

*Farm buildings and fences*: buildings, XI, 226, 241, 251, XIX, 133, 139, XXII, 50, 73, 88, 129, 145, XXVI, 183, 184, 190, 252, XXVII, 26; scarcity of, X, 279, 280; prices, XI, 241; barns, IX, 67, X, 351, XXII, 129, XXIX, 18, 20, 64, 301; corn cribs, X, 279, 280, XIV, 134; dairy houses, XXIX, 64; granaries, X, 314; smoke-houses, 278, XI, 137, XIV, 134, XXIV, 120; threshing floors, IX, 96, X, 280, 350, XI, 149; cost of erecting, X, 280; fences—III, 134, 184, 220, V, 295, IX, 50, XI, 137, 141, 188, 247, 264, 269, 295, XII, 68, XVIII, 86, XIX, 33, 71, 288, XXII, 73, 86, 129, 243, XXIV, 111, 133, 152, 179, XXVI, 210, 302, XXVIII, 127, 131-136, 138, XXIX, 19; how made, X, 51; different kinds, XI, 264, 269; burned, 247; English, 137, 295; live hedges, XII, 178; post, 178; rail, IX, 39, 40, XII, 124, 178; cost of rail, IX, 39; stone, XVIII, 348; worm, IX, 310, XI, 188; woven, 141; zigzag, XII, 178; how built, X, 198; cost, 198; of cedar, XII, 124; cottonwood, XIII, 104; hawthorn, XI, 188; thornquick, XII, 68; black walnut, XIV, 136; described, X, 51; pictured, IX, 40. See also *Frontiersmen*.

*Implements and utensils*: III, 166, 180, 238, 239, V, 309, 310, VIII, 32, IX, 40-42, 123, 326, XI, 241, XII, 322, XIII, 302, XIV, 59, XVIII, 151, XXVI, 84, XXIX, 64, 65, XXX, 188; cider-presses, XI, 172; flails, IX, 96, XI, 196; grindstones, 245; harrows, IX, 123, X, 203, XI, 241; hoes, X, 203, 309, XI, 168, 241; neck yoke, XXII, 185; plows, X, 203, 309, XI, 241, 289, XXII, 185, XXX, 219, 259; American and German compared, XXII, 185; rakes, IX, 41; portrayed, 41; rollers, X, 203; scoops, portrayed, XII, 203; scythes, X, 188, XXIX, 183; portrayed, IX, 125; shovels, prices, XI, 241; spades, 215, XIX, 207, XXIX, 183; prices, XI, 241; threshing machines, X, 314, XI, 115, XII, 265, XXIX, 64; implements made by farmers, IX, 122; method of purchasing, XII, 60; prices, XI, 241, XII, 322; lack of machinery, IV, 197, XXX, 216; poor utensils, IX, 232.

*Hazards*: worn lands, XIII, 301; overcultivation, VIII, 142; slovenly methods, IX, 331; crop failure, XXIII, 240; mildew, XII, 100; Hessian flies, 100; rust and smut, XXX, 188; abandoned farms, XI, 139, XXIX, 97; errors of farmers, VIII, 145; discouragements, XXI, 28.

*By localities*: American Bottom, XIV, 101, XXVII, 115; Arkansas, XIII, 107, 141, 142, 144, XVII, 28, 29; Arkansas Valley, XIII, 166; Bear Valley, XXVIII, 294; Black Swamp, VIII, 196; Brookville (Ind.), XIX, 71; Buffalo, XXIV, 162; Cadron Creek, XIII, 161; California, XXX, 190; Canada, IX, 325, XXIX, 250; Cape Girardeau, XVII, 88; Carrollton (Ill.), XXVI, 300; Cassia Valley, XXX, 91; Champoe (Oregon), 180; Chehalis Valley, XXIX, 81; Columbia River, VII, 113, 114; Dalles Mission, XXVIII, 359; English Prairie (Ill.), X, 293; Fort Hall, XXX, 87; Fort Laramie, 61; Fort Vancouver, XXI, 297; Fraser's River, XXIX, 44; Grande Ronde, XXX, 106; Illinois, XIX, 57, 59; Indiana, 69, 71, XXII, 181-184; Kentucky, III, 227, IV, 177, V, 98, VIII, 275, XII, 14, XIX, 42; Klamet River, XXIX, 49; Louisiana, VIII, 329, XIX, 123; Loutre Island, XIV, 134; Luckiamute Valley, XXX, 175; Maryland, XII, 22; Mexico, XVIII, 358; Michigan, VIII, 219; Middle West, 256, X, 51, XI, 218-220; Mississippi, IV, 306, 307, 311-313, 315-318, 344; Mississippi Valley, V, 264, VIII, 325, 330, XIII, 308, 312; Missouri, V, 259, 260, XXVI, 297, XXX, 32-34; Natchez, IV, 322, 324, 326, 327, 330, XIII, 301, 302; New England, VIII, 266; New Mexico, XVIII, 375, XIX, 252; New Orleans, XIII, 314; New York, VIII, 119, 178, XXIV, 179; Ohio Valley, IV, 106, X, 235, XVII, 108, XIX, 39; Oregon, XXIX, 20, 27, 38, 39, 71, 72, 75, 76, 86-92,

2, 121, XXX, 192, 195, 211; Pennsylvania, IV, 105, XII, 322, XXII, 115; Potomac River, XII, 8; St. Charles (Mo.), XIV, 126; St. Louis, III, 72; St. Mary's Mission, XXIX, 322; San Diego, VIII, 274; Sangamon Valley (Ill.), XXVI, 320; Spokane, XXVII, 367; Tennessee, VIII, 304; Ingham Valley, XXIX, 48; Virginia, IV, 105, XI, 140, XII, 22; Wailatpu (Oregon), XXVIII, 333; Walla Walla, 358; Walla Walla River, XXIX, 185; Wanborough (Ill.), XI, 264; West Virginia, IX, 31; Western territory, XIV, 20, 21; Willamette Valley, VI, 401, VII, 121, 228, XXVIII, 7, XXX, 165, 167, 297; Yamhill Valley, 171; England and Maryland compared, XI, 116; England and Virginia compared, 113; Maryland and Virginia described by Faux, 140-156; East and West compared, 143, 146, 163, 245; New England and Southern states, XIX, 111; New England and Louisiana, 70; Indian Territory and Atlantic states, XXVIII, 119.

*Organizations:* school founded by Maclure, XXII, 163; society for promotion, IX, 270, XXIX, 3; Charleston (S. C.), III, 123, 124; Cincinnati, IX, 241; Illinois, X, 343, XI, 262; Kentucky, III, 7; New England, VIII, 145; Prince George County, XII, 103; Virginia, 117.

See also Economic Conditions, Farmers, Food, Frontiersmen, Laborers, Prices, and the several products.

*Agrostis arachnoides*, Nuttall observes, XIII, 220; *cespitose*, Long observes, XVI, 44.

Guabuená (Mex.), Pattie describes, XVIII, 311.

Guas Calientes (Mex.), comprised in New Spain, XIX, 258; Gregg in, XX, 162, 169, 172; manufactures, 162; population, 169.

Guilard, Martin, exploration on Northwest Coast, XXVIII, 31, 32.

Haganashhe. See Upright Horn.

Havave, Spanish dance, XVIII, 84.

Hada-Miga (man without arms), tobacco-pipe of, XXIV, 18.

Annahaway (Annahaway, Gens de Soulier, Wattasoon, Wetersoon) Indians, habitat, XXIII, 254; affinity, XXII, 50, XXIV, 261, 262; sketch, V, 163.

Haketzo (Grand Roulette), Blackfoot chief, XXIX, 364.

Hekin (Aitken), Job, mate on "Tonquin," on Columbia River, VI, 194, 233-238, 251, VII, 80; drowned, VI, 235, VII, 83, 161.

Hlapust (Sally), Chinook Indian, XXI, 318.

Hensworth, —, in North Carolina, III, 56.

*Hera brevifolia*, Bradbury observes, V, 317; on Meramec River, XIV, 107.

Herd, James, fur-trader, V, 87.

Hermanjan (son of tall Frenchman), in Fort Union, XXIII, 201.

Hetaniaki (man who was beaten), Blackfoot chief, XXIX, 364.

Hirabe, Missouri Indian, XV, 135.

Huron (Ohio), canal to Massillon, XXIV, 157; described, 157, 158.

Alabama, climate, XXII, 33; emigration, XI, 84; admitted to statehood, X, 267, 268; improves Tennessee River, VIII, 292; commercial communication, X, 208, XIII, 314; election methods, IX, 256; usury laws, 291; Muscle Shoals, VIII, 292; Indians, II, 43, XIII, 303, 305, XX, 79, 136; militia returns, X, 357.

Alabama," Mississippi steamboat, XIII, 299.

Alabama" claims, adjustment, XX, 136.

Alabama Indians, habitat, XIII, 357; in War of 1812-15, XXX, 190.

Alabaster, discovered, XXVII, 215.

Alachua County (Fla.), fort in, XXVI, 214.

Alameda, promenade in Mexico City, XVIII, 312, 379; in Chihuahua, XX, 192.

Alamo (Mex.), attacked by Karankawas, XXVIII, 149.

Alaria, Jesus Maria (sobriquet, Alarid), assassinated, XIX, 273.

Alaska, Russian settlements in, XXIX, 131; flour trade, VI, 286; Simpson in, XXIX, 132; Sutter, XXX, 229; Kadiak Island, VII, 234; purchased by United States, XXIX, 53; boundary, XXI, 315.

Alba County (Wyo.), river in, XXVII, 160.

Albany (N. Y.), situation, VIII, 117, 179, XXII, 59; as a boundary, V, 296, XVII, 250, 251; Dutch in, VIII, 89; in French and Indian War, IX, 328; fur-trade centre, II, 15, 38, 49; Indians near, 44, 68; Indian treaties at, I, 30, 187, II, 211; Revolutionary prison, 54; provincialism, VIII, 124; on stage route, 41, 56, 110, 124, IX, 315; railway, XXIV, 188; land agent, IV, 237; commerce, VIII, 118; building materials, XVI, 68, XVII, 202; city hall, VIII, 118, XXIV, 89; cholera, XXII, 58; *floerkea proserpinacoides*, XV, 177; Bullock in, XIX, 149, 153; Buttrick, VIII, 41, 88, 89; Catlin, XXII, 32; Evans, VIII, 41, 116-118, 120, 124, 125, 131; Featherstonehaugh, XXIV, 118; Franchère, VI, 191; Hill, 195; Hutchinson, IV, 229; D. James, XIV, 13; E. James, 26; Long, II, 210; Maximilian, XXIV, 163, 188, 189; Post, I, 178; Welby, XII, 270; "Chancellor Livingstone," IX, 46; population, VIII, 117, XXIV, 188. For Albany Beef, see Sturgeon; see also Forts: Orange.

"Albany," steamboat, XXIV, 189.

Albategnius, Mohammed ben Jabir, *De Scientia Stellarum*, XIII, 340.

"Albatross," American ship, VI, 285, 287, VII, 236, 243; Franchère on, VI, 287; Hunt, 287, 288, VII, 250; Smith, VI, 292, VII, 236; in Astoria, 243; mate, VI, 336.

Albatrosses, abundant, VII, 50.

Albemarle County (Va.), Clark in, XVIII, 30.

Albert, George D., *Westmoreland County* (Pa.), III, 140.

Alberta (Can.), drainage, XXIX, 226; mountain pass, VI, 353; Little Red Elk River, 365; Sarcee in, XXIII, 90; Blackfeet, XXIX, 218; trading-posts, VI, 356, XXIX, 248; mission, 232.

Albion (Ill.), founded, IX, 71, X, 13, 47, XI, 10, 276; surveyed, 252; described, X, 52, 153-155, 333, 334, XI, 197; climate, X, 121, 141; advantages, 129, 134, 142, 154, 163, 164; water supply, 121, 137-139; purchases supplies, 100; religion, 318; court, 355; ox-mills, 354; taverns, XI, 258; stores, XII, 259; county seat, X, 133, 266, 354; population, 135, 141, 148, 153, 272, 319, XI, 253, 261; prosperity, X, 49, 129, 155, 349; calumniated, 122, 136, 137; described by Faux, XI, 252-261; Flower, X, 98, 121, 135, 272; Welby, XI, 16, XII, 248; Woods, X, 272. See also English Prairie.

Albuquerque (N. Mex.), location, XVIII, 86, XIX, 336, XX, 25, 232; Armijo in, XIX, 275; Pattie, XVIII, 75; population, 375.

Alcaldes (municipal officials), method of securing office, XIX, 272; duties, XVIII, 73, 276, 352, XIX, 289, 309, 321, XX, 28, 29; casa consistorial, XIX, 283; corruption, XX, 22, 25, 26; Americans elected as, XVIII, 367.

Alcohol, as a beverage, XXI, 193, 203.

Alcyonites, Flint observes, IX, 287; Nuttall, XIII, 41, 54, 60, 173.

Alders, habitat, XXVIII, 192, 216, 286, 289, 293, 301, 311; dwarf, IV, 103, X, 213; abundant,

- XVI, 68, XXII, 98, XXIX, 14, 44; as dye, XXIII, 13; on Columbia River, VI, 243, 320; De Smet observes, XXVII, 257; Palmer, XXX, 65, 102, 127, 152, 170, 292.
- ale, as a beverage, XI, 66.
- Alec's Butte (Oregon), Carson in, V, 93.
- Aleman (N. Mex.), Gregg in, XX, 151.
- Alexander, —, cotton planter, IV, 204.
- Alexander, —, founds Alexandria (Pa.), IV, 237.
- Alexander I, Russian emperor, present to, XII, 124.
- Alexander, Abraham, in North Carolina, III, 101.
- Alexander, Adam, in Mecklenburg convention, III, 101.
- Alexander, John McKnitt, in Mecklenburg convention, III, 101.
- Alexander, Martha, in Alexandria (Pa.), III, 348.
- Alexander, Dr. William M., founds America (Ill.), XIX, 44.
- Alexandria (B. C.), road, XXIX, 44.
- Alexandria (La.), Johnston in, XVIII, 25.
- Alexandria (New Caledonia), trading-post, XXVII, 307.
- Alexandria (Ohio), situation, III, 186, IV, 161, 215, X, 230; Belli in, IV, 163; Cuming, 162; French, III, 183, 184; F. A. Michaux, 186, 187; population, 186, IV, 162.
- Alexandria (Pa.), stage road, III, 349, X, 220; Cuming in, IV, 237; Harris, III, 348, 371; Maximilian, XXII, 134, 146; population, III, 348, IV, 237; sketch, X, 348.
- Alexandria (Va.), seaport, XI, 116; in Revolution, 131, 132; waterway to Cuyahoga, IX, 96; Bloomfield in, XI, 130; Braddock, I, 97; Faux, XI, 13, 131, XII, 134; Riley, XIX, 185; view, XII, 102.
- Algodones (N. Mex.), American physician in, XX, 25.
- Algonquian (Algonkin) Indians, linguistic group, XXIV, 209; habitat, I, 169, XXII, 333; language, VII, 101, XXIII, 191, 192, XXVIII, 267; branches, tribes, and bands, XV, 157, XVII, 41, XX, 297, XXII, 96, 253, 326, XXIII, 190, XXVI, 123, XXVIII, 156, 212, XXIX, 239; vocabulary, XXI, 145, XXVI, 107; religion, XXIII, 101; serpent myth, 380; occasional cannibals, 277, 278; hieroglyphics, 300; family relationships, 283; marriage customs, XX, 339; warriors (1765), I, 169; French allies, XIII, 361; Arapaho, V, 225; Blackfeet, 225; Cheyenne, 140; Illinois, I, 27; Kickapoo, 139; Mascoutin, 139; Lake Michigan, XIII, 122; Miami, I, 306; Wisconsin, V, 49.
- Alipiquippa, Seneca queen, I, 24.
- Aliquot. See Tiloukaikt.
- Alismas, habitat, XIV, 220; *plantago*, XV, 272.
- Alister (*cratægus torminalis*), habitat, XXIII, 357.
- Alcrow, —, British captain, II, 195.
- Alleghany County (Md.), Cresapburg in, X, 207.
- Allegheny (Pa.), situation, IV, 254, IX, 84.
- Allegheny County (Pa.), Indians in, I, 25; Pittsburg, III, 342; Lucas judge, 31; Cuming in, IV, 75; Wallace, 243.

- Allegheny Indians, hostile to English, I, 48, 187; French, 195; Croghan's mission, 50, 100, 204-208.
- Allegheny reservation, Seneca in, VIII, 184.
- Allen, —, explores Rockies, XVIII, 97; paths, 98.
- Allen, Charles, Mormon, treatment by Missourians, XX, 96.
- Allen, Daniel, founds settlement, XXVI, 299.
- Allen, Ethan, captured, II, 9, 53.
- Allen, John, tavern-keeper, IV, 146, 204.
- Allen, William, chief justice, I, 186; on Lehigh River, XXII, 77; town named for, 127; *Norridgewock*, XXVII, 68.
- Allende (Mex.), priests in, XX, 51.
- Allentown (Pa.), site, XXII, 124, 128; described, 127.
- Alligators (*salamandra alleghaniensis*), common, VIII, 349, XIV, 45; size, XI, 73; in Arkansas, XIII, 108; Bayou Pierre, IV, 310; observed by Bullock, XIX, 130, 133; in Charleston (S. C.), XII, 74; revered by Kaskaia Indians, XVI, 117; in Mississippi River, VIII, 315; Peale's museum, XII, 67; Pittsburg, XXII, 143; Red River, IV, 358; Washita River, XVII, 84.
- Allionia*, *hirsuta*, *linearis*, and *ovata*, Bradbury observes, V, 317.
- Allison, Rev. Burgess, chaplain, XI, 129, XII, 56.
- Allium*, *fragrans*, Nuttall observes, XIII, 110; *reticulatum*, as a remedy, XXIV, 82.
- Allouez, Claude, Jesuit missionary, II, 79.
- Allowcatt, Wallawalla chief, VII, 138.
- Almanacs, IX, 152, 153.
- "Almonak," Boston ship, VIII, 21, 30, 39; cargoes, 23, 26, 29-31, 33, 34, 36, 37; accidents, 36; storms, 22, 24-26; quarrels, 23; illness, 24; supplies, 22, 24, 25; punishments, 23; searched by English, 30, 37; voyage, 22-26, 30, 38, 39.
- Alnus serulata*, observed by Long, XIV, 61.
- Aloe (*agave americana*), described, XII, 125, XVIII, 99.
- Alopaz (Mex.), Pattie in, XVIII, 171.
- Alphonsus, Flathead convert, XXVII, 356.
- Alsea Indians, river named for, XXX, 177.
- Alsine media*, observed by Long, XIV, 61.
- Alston, Joseph, governor of South Carolina, XII, 98.
- Altewaky, Ottawa chief, I, 161.
- Altmira, Padre, in San Buenaventura, XVIII, 279.
- Alton (Ill.), location, XXVI, 133, 202, 290, 294, 301, 360; as a boundary, XIX, 62, XXVI, 122; railroads, 120; rivalled by Chester, XXVII, 23; Farnham in, XXVIII, 14; Flagg, XXVI, 117-120, 200, 201; Long, XIV, 25; Shurtleff College, XXVI, 252; population, 119; sketch, 119.
- Alton Company, founds Montgomery (Ill.), XXVI, 129.
- Altoona (Pa.), described by Maximilian, XXII, 85.
- Alum, as a remedy, X, 286, XII, 273, 274; spring impregnated by, XXVI, 365.
- Alum Hill (W. Va.), Croghan in, I, 132.
- Alumine, abundant, XVI, 156, XXVIII, 153; where found, III, 259, XVII, 254.



- Alvarado, Louis de Moscoso de, appointed by De Soto, XIII, 334, 335; illness, 336; visits Pecos, XX, 59; tortures Indians, XIII, 337; Indian revolt against, XXX, 89.  
 Alvarez, Manuel, trader, XXVIII, 80; attacked by Mexicans, XX, 26, 27; sketch, 26.  
*Alveolites*, XIV, 223.  
 Alvis, —, in South Carolina, IV, 267.  
 Alvord, C. W., *Old Kaskaskia Records*, XXVII, 29, 64.  
*Allysum bidentatum*, abundant, XIII, 105.  
 Alzate, Don, map, XVIII, 376.  
 Amagh (Pa.), post-station, XXII, 137.  
 Amakzikinne (big lake), Indian chief, XXIX, 364.  
*Amaranthus hybridus*, luxuriant, XIV, 156.  
 Amboy (N. J.), sand-rock in, XVII, 252; railroads, XXII, 66, XXIV, 191.  
 Ambrister, Robert C., Indian trader, VIII, 353; prisoner of war, 355.  
 Ambrose, Flathead convert, XXVII, 286; adopts children, XXIX, 399, 400; bravery, 409, 415.  
*Ambrosias*, height, XIII, 276; abundant, XVI, 152.  
 Amehouest Indians, habitat, VIII, 234.  
*Amellus*, *spinulosus* and *villosus*, observed by Bradbury, V, 320.  
 Amelung, F., in Pittsburg, IV, 81.  
 America (Ill.), location, XIV, 84, XXVI, 81; climate, XIV, 85; commercial centre, 87, 88; importance, XVIII, 84; sketch, X, 327, 328, XIV, 84, XIX, 44; described by Flagg, XXVI, 81; by Ogden, XIX, 44; by Woods, X, 327.  
 American Academy of Arts and Sciences, III, 21.  
*American Antiquarian*, XXIV, 300.  
 American Antiquarian Society, I, 130, III, 21; members, XXIV, 150; *Transactions*, IX, 28, XXIV, 150.  
 American Anti-Slavery Society, New York City, opposed, XXIV, 192.  
 American Archæological Institute, *Papers*, XVIII, 121.  
 American Baptist Publication Society, XXVI, 31.  
 American Bible Society, publications, XXX, 236.  
 American Board of Commissioners for Foreign Missions, XIII, 182; mission station, XXVII, 367; appoint Spaulding, XXX, 284; among Cayuse, VII, 137; discuss Oregon mission, XXI, 335; in Sandwich Islands, XXVIII, 333; among Tuscarora, XXIV, 175.  
 American Economic Association, *Publications*, III, 298.  
 American Folk Lore Society, *Publications*, XXVII, 211.  
 American Fur Company, founded by Astor, VII, 35, XXII, 58; partners, V, 224, XVIII, 38, XXII, 271, 282, 314, 316, XXIII, 38; officials hospitable, XXIX, 369; agents, XXI, 64, XXII, 257, 378, XXIX, 369, 372; clerks, XXII, 264, 328, 339, 345, 374, XXIII, 135, 203, XXIV, 88; engagés, XXII, 337, XXIII, 172, XXVI, 279; employes generally, XXII, 237, 286, 378, XXIII, 23, 76, 132, 241, XXIV, 93, XXVII, 55, 59, 118, XXVIII, 181, 275, XXIX, 17, 369, 370; salaries, XXII, 379; uniforms sold by, XXIII, 126; supplies, XXII, 343, 383, XXIII, 30; articles of trade, 12, 30, 73, 100-103, 107, 161, 277, 369, XXIV, 18; stores, XXIII, 25; posts, VI, 384, VII, 186, XVIII, 38, XXII, 16, 34, 249, 251, 304, 315, 344, 345, 349, 373, 377, 379, XXIII,



## AMERICAN FUR COMPANY (continued)—

22, 24, 72, 84, 91, 132, 198, 214, XXIV, 121, 124, XXVI, 133, XXVII, 145-147, 181, XXVIII, 18, XXIX, 233; cart route, XXIII, 353; annual caravans, XXVII, 135, 136, 190; trapping parties, XXVIII, 287, 291; trading boats, XXIX, 359; ships, VII, 193; steamers, XXII, 14, 34, 94, 97, 231, 234, 240, 276, 358, 378, XXVII, 154; value of fur cargoes, XXIV, 91; letter service, 50; prices, XXII, 389, XXIII, 99, 100, 102, 127, 161; explorations, XIV, 275; policy, XXI, 46; prejudice against, XXIII, 145; rivals, XIX, 221, XXII, 234, 250, XXIII, 198, 202, 203, 218, XXIV, 93, 117; losses, XXII, 240, XXIII, 39, 40, 189; absorbs rivals, V, 36, XXI, 45, XXII, 235, 316, XXIII, 228; New York Office, XXII, 235; relations with Indians, 391, XXIII, 23, 40, 71, 90, 96, 97, 100-103, 107, 125-131, 133, 135, 152-154, 156-161, 203, 218, 290, XXIV, 16, 68, 317, XXVIII, 265; erects Astoria, VI, 14, XXIX, 56; Kutenai brigade, XXIII, 153, 154; Missouri outfit, 84, XXIV, 16; Western department, XV, 193; employs renegade Bird, XXIII, 135; Bridger, XXVII, 299; Charbonneau, XXIV, 44; Chardon, XXIII, 188; Crooks president, VI, 407; employs Dickson, XXIV, 97; joined by Franchère, VI, 14; described by Maximilian, XXII, 232, 233, 378-382, XXIII, 167, 206; employs Newell, XXX, 179; J. Pilcher in, XIV, 269; liquidation, VI, 14; dissolution, V, 36, 37; sketch, VI, 14.

American Historical Association, *Papers*, IV, 306, XXI, 352; *Reports*, II, 52, III, 13, 27, 31, 39-44, 53, 89, 90, XXI, 353, XXVIII, 33; *Review*, III, 13, 46, 170, XXI, 352, XXVIII, 155.

*American Journal of Geology*, XXIV, 170.

*American Journal of Medical Sciences*, Nuttall's contributions to, XIII, 14.

*American Journal of Science and Art*, XVII, 48, XXIV, 90, 91.

*American Monthly Magazine*, XXVI, 31.

*American Naturalist*, V, 107, XIII, 117, XV, 130.

*American Ornithology*, IX, 56.

American Peace Society, III, 21.

American Philosophical Society, IX, 55, 57, XII, 122; sketch, IX, 55; subjects discussed, 56; members, I, 135, III, 136, 205, IV, 325, IX, 53, 54, XIII, 12, 15, 18, 25, 26; documents from, XIV, 249; Michaux's connection with, III, 12, 15; Long's indebtedness to, XIV, 36; commissions Townsend, XXI, 14; combines with Society for Promoting Useful Knowledge, IX, 55; *Transactions and Report*, III, 11, 16, IX, 105, XIII, 11, 14, 15, 29, 283, 339, 342, XIV, 40, XXII, 103, XXIV, 91, 301.

*American Pulpit Orator*, XI, 94.

*American Quarterly Review*, XXII, 44.

*American State Papers*, XIV, 9, XXVI, 95; "Indian Affairs," III, 90, XIII, 133, XVI, 95, 276, XVII, 21, 53, 63, XX, 19; "Miscellaneous," XIV, 138; "Public Lands," 138; "Military Affairs," XIX, 186.

American Turquoise Company, XIX, 303.

Americanisms, IX, 107, 289, 290, X, 344, 345, XI, 173.

Amherst, Gen. Jeffrey, English commander, I, 112, 115, 116, 147; on Lake Champlain, 163, 296; in French and Indian War, II, 207, 216, IV, 326; at Niagara, I, 110; speaks to Ohio Indians, 112; town named for, VIII, 104; sketch, I, 112.

Amherst (N. H.), Evans in, VIII, 104, 105.

Amherstburg (Canada). See Forts: Malden.

Amicour Indians, habitat, VIII, 234.

- Amis, —, visited by A. Michaux, III, 46, 52.
- Amity (Oregon), site, XXX, 142.
- Ammonia, manufactured, IX, 85.
- Ammonites, in limestone, XIV, 66.
- Ammunition, I, 322; as equipment, VII, 266, VIII, 210, XIII, 359, 361, XIV, 44, XV, 192, XVII, 98, XVIII, 37, 205, XIX, 260, XXVIII, 11, 54, XXX, 260; as supplies, VII, 256; article of trade, XXI, 45, 100, 192; in exchange, III, 193, V, 229, VII, 216, XXVIII, 262, 307, 316; prices, XXX, 218; scarce, VII, 246, XVIII, 32, XIX, 51; stolen, VII, 191; war booty, XVIII, 377; present, XXVIII, 240; difficult to carry, V, 226; as payment for wife, XXVIII, 308; furnished Indians, I, 77, VIII, 222; carried by Morris, I, 320. See also the several kinds, and Arsenals.
- Amorpha*, V, 182; observed by Long, XVI, 96; *canescens*, V, 319, XIII, 235, XV, 181, 186, 233; *fruticosa*, V, 187, 319, XIV, 128, XV, 177, 230, XVI, 57; *mycrophylla*, V, 319; *longifolia* and *viridifolia*, XVI, 57.
- Ampapa Indians, population, XXVII, 166; hostility to whites, 150.
- Ampelousis quinquefolia*, on Missouri River, XIV, 156.
- Amphibia*, numerous, XXII, 81.
- Amsonia salicifolia*, observed by Nuttall, XIII, 242.
- Amsterdam (N. Y.), described by Maximilian, XXIV, 187.
- Amusements, among pioneers, IV, 137, 199, VI, 71, X, 125, XXX, 53, 54, 107, 208; in Chihuahua, XX, 191, 192; Fort Clark, XXIII, 236; Mississippi, IV, 352; New Mexico, XX, 34-36, 51; Port Gibson, IV, 349, 350; house-raising, X, 300, 351; corn-husking bees, IX, 96, 106, X, 300, XI, 205, XIII, 58; quilting bee, X, 300; barbecue, V, 280; pioneer "frolics," 282, 283; bull-baiting, XVIII, 312; cock-fighting, XX, 34; rifle practice, IV, 33, XXVI, 360, 361; sleighing parties, XII, 20, 21, 301, 302, XXII, 181; skating, XII, 309, XXII, 181; driving, XII, 78; swimming, X, 247; horse-racing, IV, 33, 211, 222, 255, 350, XXII, 158, XXVI, 90-92; dancing, IV, 141, 142, 188, 189, 255, X, 80, 95, 300, 346, 356, XI, 80, XIII, 49, 112, 139, 309, XIV, 274, 275, XVIII, 84, 167, 168, 338, 339, 343, XIX, 93, 254, XX, 191, XXII, 181, XXVII, 30, 56, 73, 118; card-playing and gaming, IV, 33, 137, 188, 211, 350, 363, VIII, 336, IX, 104, XII, 61, XIII, 111, 255, 286, 313, 314, 316, XVIII, 146, 149, XIX, 93, XX, 32-34, XXI, 95, 203, 211, XXII, 160, XXIV, 141; chess and backgammon, IV, 188; lotteries, 11, 69, 216, VIII, 41, XI, 209, XII, 125, 302; cricket, X, 264, 346, XI, 196; circuses, VIII, 341, XXVI, 225; ball games, XII, 199; billiards, IV, 188, 211, 275, XI, 99, XII, 299, XIII, 314, XIV, 140, 148; nine-pins, 199; shuffle-board, 199, 332; "monkey shows," XXVI, 130; puppet and wax-works, IV, 32; kaleidoscopes, IX, 44; theatres, IV, 82, 255, 322, VIII, 219, 319, 341, IX, 46, 241, XI, 69, XII, 320, XVIII, 310, 312, XIX, 40, 93, 124, XXII, 49, 164, XXVI, 124; music, IV, 31, 63, 81, 190, 208, 210, 223, 255, 282, 348, VI, 63, 64, 89, VIII, 307, IX, 28, 46, X, 53, XI, 79, 177, 255, 262, XII, 114, 126, 266, 317, XIV, 130, XVIII, 84, 355, XXII, 45, 49, 141, 142, 241, XXVI, 61, 62, 120, XXVII, 33 (see also the several instruments); lectures, VIII, 218, 243, X, 95, 155, XI, 108, XII, 331, XXVI, 310 (see also Atheneums); promenades, IV, 250, VI, 192, XVIII, 312, 379, XXII, 65; parade grounds, XIX, 124; entertaining guests, XII, 109, 111, XVIII, 84, 361; feasting, IV, 142; receptions, XII, 331; pleasure resorts, IV, 189, XI, 109, XII, 218, XXVI, 214; clubs, 123; siestas, XIX, 349; fairs, XI, 135, XX, 162; charitable entertainments, XII, 320; children's sports, XIX, 320; public halls, XXVI, 255.
- Amygdaloid, described, XVI, 91, 92, XVII, 48, 211; volcanic origin, XVI, 91; as building material, XVIII, 379; on Canadian River, XVII, 206; observed by Long, XVI, 81, 83, XVII, 208.

- Anabaptists, in Kentucky, III, 249, IV, 171, 183; Tennessee, 322; Pennsylvania, 85, 322.
- Anabasis*, habitat, XVI, 121.
- Anagallis arvensis*, observed by Baldwin, XIV, 124.
- Anahuac (Mex.), Indians in, XX, 67, 68.
- Anchors, article of trade, XXIX, 60.
- Anchovies, abundant, XXVII, 260.
- Ancrum, James H., on "General Wade Hampton," XI, 105.
- Anders, —, innkeeper, XXII, 116.
- Anders, Christina, killed by Indians, XXII, 125.
- Anders, Gottlieb, killed by Indians, XXII, 125.
- Anders, Johanna, killed by Indians, XXII, 125.
- Anders, John D., Moravian bishop, XXII, 78, 79.
- Anderson, J., physician, IV, 66.
- Anderson, John, boatswain, VI, 195, 213, VII, 58.
- Anderson, Rev. John, in Canonsburg (Pa.), XXII, 146.
- Anderson, Joseph, *Waterbury, Connecticut*, XV, 202.
- Anderson, Samuel, landowner, X, 266, 316.
- Anderson, Capt. Thomas G., *Narrative*, II, 76; among Sioux, V, 157.
- Anderson, William Peter, lawyer, III, 253; relations with F. A. Michaux, 265.
- Andover (Ill.), founded, XXVI, 307; sketch, 307.
- Andrani, Count, on value of furs, II, 139.
- Andre, Maj. John, British spy, XII, 67, 68, 70; *Cow Chase*, 67, 68.
- Andrew, Huron Indian, express, I, 163.
- Andrew County (Mo.), boundary, V, 37.
- Andrews, —, captured by Indians, XVIII, 336.
- Andrews, —, English emigrant, XI, 271; married to George Flower, 271, 272, 275, 276.
- Androcera*, Nutt., XV, 223.
- Andromeda*, III, 143, 230, XXII, 99; *arborea*, III, 41, 47, 230; *vaccinium*, 143.
- Andropogon*, habitat, XIV, 74, 128; *ciliatum*, XVI, 58; *furcatum*, 57; *muticum*, III, 67.
- Anemone*, XIII, 172, XXVI, 286, XXVIII, 288; *hepatica*, III, 97, V, 47, XIV, 61; *tenella*, XV, 200; *thalictroides*, XIV, 61; *triloba*, 61; *virginiana*, 124.
- Angelica tree (*aralia spinosa*, Ph.) described, XVII, 51; habitat, XXVIII, 192; abundant, XVII, 87.
- Anghiera, Peter Martyr de, *Decades of Newe Worlde*, XX, 291.
- Angostura, narrows on Red River, XX, 141.
- Anigh Kalicken, Indian chief, I, 263.
- Aniseed, abundant, XVIII, 378.
- Ankepatines Indians, hostility to whites, XXVII, 150.
- Annapolis (Md.), Brunot in, IV, 93; Pinkney, XII, 31.
- Annona*, III, 83; abundant, XIV, 156, XVI, 186; *glabra*, III, 359, IX, 121, XXVII, 69; *triloba*, III, 138, 176, 212, V, 257. See also Paw-paws.

Anoixi Indians, De Soto among, XIII, 330.

Anoka (Minn.), XXVIII, 153.

*Anomia*, fossils, XVI, 245; *trigonalis*, XIII, 41.

*Anonymos*, *axaleoides*, III, 99; *carpinoides*, 75; *ligustroides*, 84.

Antelopes (*antilopocapra americana*, cabri), VI, 103; habitat, XIX, 205, 327, XX, 248, XXIII, 42, 86, 246, XXVII, 131, 226, XXVIII, 104, 221, XXIX, 209; wildness, XV, 201, 225, XVI, 153; tameness, XXI, 159, 179, 180, 187, 188, 205, 206; curiosity of, XV, 227, 260; beauty, 248; horns, XXIII, 17; quality, XXVIII, 258; weight, 280; scarcity, XIV, 278, XVI, 242, XXI, 187; abundance, VI, 96, 110, 372, XVI, 75, 98, 140, 144, 158, 223, XVII, 146, XVIII, 56, 105, 169, 333, 335, 341, XX, 18, XXI, 157, 160, 177, 194, 269, XXIII, 169, 170, 176, 184, 185, XXVII, 157, 183, XXIX, 93, 213, XXX, 65, 72, 77, 248; hunted, V, 123, VI, 103, XV, 234, 281, XVI, 58, 83, 231, XVIII, 41, 49, XX, 325, XXII, 299, 331, 334, 366, XXIII, 38, 39, 47, 346, 347, XXIV, 86-88, XXVIII, 69, 70, 75, 97, XXIX, 203, XXX, 260; as food, XV, 227, 242, 243, XVIII, 105, XXI, 159, 238, XXII, 314, XXIV, 94, XXVIII, 76, 78, 261, 281, 285, 289, 291; skins, VI, 120, 121, 131, XIV, 313, XXI, 246, 350, XXIII, 108, XXVII, 172, XXX, 74; stuffed, XXII, 69; personated by Indians, XXIII, 330, 331; migration, 215; antelope parks, 232; observed by Brackenridge, VI, 103, 104, 106; by Bradbury, V, 121; by De Smet, XXVII, 264; by Gregg, XX, 275, 276; by Lewis and Clark, VI, 103; by Long, XV, 307, 318; by Maximilian, XXII, 297, 298, 313, 332, 365, 373; by Palmer, XXX, 47; by Pattie, XVIII, 48; on Cedar Island, V, 101; on Willamette River, VI, 401; *cervicapra americana* seen by Say, XV, 141, 142; *antelope furcifer* seen by Townsend, XXI, 155, 156; head portrayed, XXIII, 247. See also Big horns.

Anthony, —, Arkansas farmer, IV, 297, 298.

Anthony, —, tavern-keeper, X, 83.

Antimony, in Tennessee, III, 58; on Ohio River, XIV, 92.

Anton Chico (N. Mex.), Cooke in, XX, 232.

Antonio, —, commissioned by West India Company, XXVI, 105.

Antrobus, Gibbs Crawford, British minister, XII, 106.

Ants (*formica*), as food, XIV, 304, XXVII, 167, XXIX, 223; Indian legend, XV, 118-120; ant-heaps, 272; seen by Bradbury, V, 120; by De Smet, XXVII, 258; by Farnham, XXVIII, 187; by Maximilian, XXIII, 51; by Nuttall, XIII, 206; by Say, XV, 139.

Aonay Indians, population, XXVII, 166.

Apache Indians, stock, XX, 70; kindred, XVIII, 69; tribes, 164; population, 109, XX, 74, 342; number of warriors, 75; resorts, 153, 156; cowardice of, 78, 79; wigwams, 75; occupations, 75; burial rites, 291; method of settling disputes, 75; love of whiskey, XVIII, 176, 177; food, 155, XIX, 297, XX, 75; in New Mexico, 70, 82; relations with Mexicans, XVIII, 130, XX, 74-83; treaties with Chihuahua, 76; subjugation of, 61; hostility, XVIII, 13, XIX, 177; incursions, XVIII, 373; depredations, 86, 109, 121, 153, 155, XIX, 301, 303, XX, 75-78, 81, 154, 158, 160, 202; Kirker's expedition, 103; Narbono's expedition, 23; relations with United States, 79, 80; Pattie, XVIII, 171-177; described by Gregg, XX, 74-83; Malté-Brun, XVIII, 376, 377; Willard, 341; sketch, 109.

Apalache Indians, habitat, XIII, 357; De Soto among, 332.

Aphides (insect), XIII, 230.

Apichement (Apishemeaus, Algonquian, Apaquois), article of trade, XXI, 145, 148.

*Apios*, *glycine*, XIV, 220; *tuberosa*, 220, 309, XXII, 312.

*Aplectrum hiemale* (*ophrys hyemale*), observed by Nuttall, XIII, 90-92.

Appenioce (great child), Fox chief, XXIV, 316.

Applegate, Charles, sketch, XXX, 173.

Applegate, Jesse, sketch, XXX, 173.

Applegate, Lindsey, sketch, XXX, 173.

Applegate party, expedition to Oregon, XXX, 149.

Applegate settlement (Oregon). See Settlements: Applegate.

Apple-toddy, as a beverage, XII, 21, 85.

Apple vine, bitter, XVI, 244, 253.

Apples, size, IX, 254; quality, 39, 296, XXII, 47, 88, 130; abundant, III, 298, V, 284, IX, 59, 75, X, 186, 208, 215, 224, XI, 95, XII, 205, XVIII, 350, XXI, 298, XXII, 183, XXVII, 75, XXVIII, 155, XXIX, 66, 87; scarce, X, 354, XI, 246; cultivated, V, 260, XIII, 102, 301, XXVIII, 337, XXX, 180; in Kentucky, III, 241; Mississippi, IV, 317, 353; Ohio, 115, VIII, 268; Pennsylvania, IV, 50, 249; Tennessee, III, 269; Virginia, IV, 233; article of trade, X, 193, XX, 203; Charleston (S. C.) market, III, 122; trade on Mississippi River, IV, 355, 358-360, 363, 364; prices, X, 75, XI, 292, XIII, 69, 77, 112, XIX, 136; dried, IX, 96, X, 199; fed to hogs, 232; trees, when budded, XIX, 75; size, IX, 285; infested by woodpeckers, V, 281; abundant, III, 144, 145; orchards, 130, 241, 358, IV, 50, 115, 233, 249, 317, V, 296, 310, X, 189, 309, 313, XI, 172, 284, XIX, 33; observed by Faux, XI, 157; Long, XIV, 62; Woods, X, 211, 252.

Apprentices, runaway, advertised, IX, 167.

Apricots, in the Carolinas, III, 299; Pennsylvania, XII, 323; quality of, XIX, 296; article of trade, X, 192.

Apsaruka Indians. See Crows.

*Apus obtusus*, described, XV, 233.

Aqua fortis, manufacture of, X, 81.

Aqueducts, on Allegheny River, XXII, 139; in Chihuahua, XX, 189; Durango (Mex.), 164; Genesee River, XXIV, 178; Juniata River, XXII, 134; New Mexico, XIX, 302; Paint Creek, XXIV, 147; Tomaha Creek, 153.

Aquelou Pissas Indians, habitat, XIII, 357.

*Aquilegia formosa*, habitat, XXIX, 424.

Aquixo, Indian town, XIII, 320; abandoned, 321, 322.

*Arabis lyrata*, observed, XIV, 62; *italiana*, observed, 62.

Aragonite, observed by Nuttall, XIII, 47.

Arapaho (Arrapaho) Indians, signification of name, XXVIII, 266; stock, XX, 297; tribal affinity, XXIII, 75; resemble Ietan, XVI, 234; descendants, XXIX, 360; habitat, V, 140, XV, 282, XXIII, 75, XXVIII, 229; hunting grounds, 209; trails, 228; curiosity of, XVI, 215; thievery, V, 98; duty of squaws, XVI, 215; ornaments, XXIII, 75; buffalo robes, V, 139; medicine bags, XVI, 216; feast of dogs, XXVIII, 281; relations with Arikara, XXIII, 394; Comanche, XX, 349; Minitaree, XXIII, 384; Pawnee, XV, 157-160, 211; Sioux, XIX, 228; Snake, XXVIII, 262; peace with other tribes, XIX, 197; hostility, XV, 237; war party, XVI, 214; depredations, XIX, 183; expedition against Spaniards, XVI, 55; trapper killed by, XXVII, 160; rob Joseph Miller, V, 225; relations with Bell's party, XVI, 196, 209, 214-218; Stuart's brigade, VII, 226; described by Farnham, XXVIII, 266-270; Long, XVII, 156-158; population, V, 225, XV, 157, XX, 342, XXVIII, 266; sketch, V, 225, VII, 222, XV, 157; portrait, XVI, 200.



- Ararat (N. Y.), Jewish settlement, XXIV, 165.
- Araucanian Indians, sacrifices to dead, XXIII, 121.
- Arbuckle, Gen. Matthew, Indian commissioner, XX, 105, 107, 108; at Fort Gibson, 105; sketch, 105.
- Arbuthnot, Alexander, Indian trader, VIII, 353-355.
- Arbutus, abundant, XXIX, 87; observed by Flagg, XXVI, 286.
- Arc à plat Indians. See Flatbows.
- Archæologia Americana*, XIII, 259.
- Archæological Institute of America, *Report*, XIX, 266, 283; *Papers*, 301, XX, 55, 57, 59, XXVII, 180.
- Archæological Society of Athens, III, 21.
- Archer, —, in Centreville (Ohio), IV, 71.
- Archer, —, English emigrant, XI, 279.
- Archer, —, in Louisville (Ky.), XII, 12.
- Archibald, Patrick, in West Liberty Town (Pa.), III, 149, 151; sketch, 149, 150.
- Architecture — Corinthian, XII, 300, XVIII, 342, XXVI, 164, 167; Doric, 166, 167; Gothic, VIII, 117, XXII, 63, XXVII, 28; Ionic, XXVI, 164, 167; French types, XIII, 112, XXVI, 143-145, 174, 255, 261, 268, 288, 289, XXVII, 26, 28, 32, 71, 118; Mexican, XIX, 334, 335, XX, 62; aqueducts (see Aqueducts); bridges, III, 198, IV, 25-28, 173, 193, IX, 72, 74, 75, X, 211, 212, 217, XIV, 60, 61, XIX, 152, XXII, 131, 132, XXVI, 360, (see also Bridges); churches, IV, 107, 364, X, 193, 216, XI, 55, 165, XII, 169, 262, 290, 298, 300, XVIII, 77, 277, 337, 342, 343, 351, XIX, 63, XXII, 53, 140, XXVI, 166, 167, 306, XXVII, 62-64, (see also Churches); forts, III, 71, IV, 277, 293, 329, VI, 386-388, XIV, 123, 133, 168, XVI, 187, 188, XVIII, 296, XXI, 281, 297, XXII, 376, XXIII, 92, 234, XXVII, 79-82, XXVIII, 161, 162, 252, 322, XXIX, 64, XXX, 61, 74, 86, 209, (see also Forts); log houses, III, 34, 136, 147, 150, 185, 186, 190, 257, 269, 270, 300, 322, IV, 97, 211, 214, VIII, 65, 125, IX, 67, 69, 157, 312, X, 274-278, XI, 81, 83, 185, 231, 254, XII, 229, 262, XIII, 48, 71, XIV, 134, 135, XVI, 286, XVII, 39, XIX, 33, 141, XXI, 40, 135, 297, 299, 310, 311, 319, 320, XXII, 75, 113, 115, 133, 152, 192, 193, 335, XXIV, 147, XXVI, 15, 55, 112, 193, 202, 208-210, 215, 218, 228, 229, 300, 302, 319, 332, 333, XXVII, 28, 119, XXVIII, 127, 131, 133-135, 137, 142, 252, XXIX, 17, 19, 20, 240, 301, 321, 322, XXX, 162, 166, 205, 224 (see also Frontiersmen); mills, III, 170, VIII, 215, X, 200, 235, 236, XIX, 36, XXIX, 18; missions, XVIII, 222, 278-280, XXVIII, 337, 357, (see also Missions); public buildings, III, 325, 347, 368, IV, 39, 40, 107, 182, 183, 191-195, 216-219, 222, IX, 44, 51, 53, 109, 110, X, 246, XI, 55, XII, 221, 222, 262, 263, 328, 329, XVIII, 378, 379, XIX, 131, 153, 154, XXII, 131, 132, 134, 135, XXIV, 189, XXVI, 164, 300, 359; taverns, IV, 97, 100, VIII, 75, IX, 162, X, 206, XII, 272 (see also Taverns).
- Archuleta, Don Juan Andrés, scourged by Utes, XX, 84; conquers McLeod, 84, 205.
- Ardea canadensis*, described, XVII, 90, 91; *egretta*, XVI, 172.
- Arden, Gen. —, in Carlisle (Pa.), IV, 46.
- Arden, Squire —, in Washington (D. C.), XII, 57.
- Ardmore (Ind. T.), Chickasaw town, XX, 304.
- "Arethusa," English man-of-war, VIII, 40.
- Argal (Agalia). See Big horns.
- Argemone*, scarcity of, XVI, 156; Mexican, 57; seen by Long, 126.



Argillite, where found, XVII, 30, 235, 249, 250; primitive, 43, 249; dark-colored, 54; transition, 249; observed by Long, 225-229; by Nuttall, XIII, 17.

Arikara (Ricara) Indians, VI, 100; sketch, XXIII, 224; habitat, V, 127, XV, 75, XXII, 333, 335, XXIII, 224, 386, XXVII, 149, XXVIII, 153, XXIX, 230; stock, XX, 297, 337; physique, V, 173, VI, 120, XXIII, 386, XXIV, 92; on Missouri River, V, 229, VI, 111, 112, XV, 219, XXII, 335; in North Dakota, XIII, 133; language, VI, 127, 128, XXII, 32, XXIII, 365, 385, 394, XXIV, 73, 210-214, 300, 301; names, XXIII, 395; villages and lodges, V, 123, 129, 131, 159, 175, 317-320, VI, 108, 115, 116, 131, 166, XXII, 15, 335, 352, XXIII, 225, 230, 238, 272, XXIV, 86, XXVII, 150, 166, 187; characteristics, V, 129-131, 133, 134, 140, 176, 178-180, VI, 113, 114, 116, 118, 119, 122, 128-132, 145; population, V, 114, 173, XX, 341, XXII, 35, XXIII, 387; migration, V, 78; dress, 173, VI, 120, 121, 143, XXIII, 386, 387, XXVII, 173; ornaments and art, V, 136, 137, 171, VI, 118, 120, 121, 146, XXIII, 265, 389, 391, 394; manufactures, V, 169, VI, 122, XXIII, 278; agriculture, V, 175, VI, 116, XXIII, 275, 387; food, V, 131, 173, 174, VI, 113, 145, 146; family life, XV, 141, XXIII, 283, 388; government, VI, 123; women, V, 138, VI, 112, 114, 116, 121, 144, XXII, 354, XXIII, 386; marriage, VI, 121; horsemanship, V, 138, 173-175, VI, 112, 124; games, V, 141, 142, VI, 125, XXIII, 389; jugglers, 393, 394, XXVII, 187, 188; smoking as a ceremony, XXIII, 391, 392; marksmanship, V, 173; hunting, VI, 124; caches, V, 134; calendar, XXIII, 393; masks, 388, 389; chiefs, V, 127, 128, VI, 111, 114; councils, V, 129-131, VI, 112, 118; heralds, V, 129, 137; music and dancing, VI, 143-146, XXIII, 296, 352, 388, 389; weapons and implements, V, 170, 175, VI, 124, 125; canoes, 112, 123; slavery, 128; totems, 123, 143, 144; celebration of victory, 142-146; war parties and customs, V, 135-138, 168-173, VI, 123, 124, XXIII, 390, XXVII, 184-187; amulets, VI, 126, XXIII, 390, 391; holy days, VI, 126, 127, 131; religion, medicine, and medicine men, V, 132, 133, 171, 319, VI, 117, 125, 126, 131, 145, XXII, 353, XXIII, 390-393; self torture, VI, 126, XXIII, 390; diseases and remedies, VI, 117, 122, 123, 144, XXII, 34, 35; mourning, V, 172; sepulture, VI, 142, XIII, 116, 266, XXIII, 394; monuments, XV, 141; reduced by enemies, V, 173; scalps, 171; bird-cage gourds, XXIII, 391; bird-cages portrayed, 355; bird-cage feasts, 391-393; portrait of a brave, XXV, 27; relations with other tribes, V, 103, 108, 114, 139, VI, 142, 143, XV, 58, 95, XXII, 303, XXIII, 230, 231, 317, 318, 353, 383, 390, 394, XXIV, 24, 73, XXVII, 150, 181, 398, XXIX, 224, 365; friendly to whites, V, 113, 126, 137, VI, 28, 29, 65, 88, 99, 132, 268, XXII, 336, XXIII, 225, 226, 386, 387, 390, XXIV, 62, 103, 104, XXVII, 192, 284; hostile, V, 127, 151, 176, XVIII, 52, XIX, 221, XXII, 294, 300, 334, 335, 337, XXIII, 224, 225, 234, XXIV, 46, 102, 103, XXVII, 147; Brackenridge among, VI, 111, 112, 142, 147; Bradbury, V, 10, 11, 26, 100, 114, 131, 132, 161, 199; Alexander Carson, 111; De Smet, XXIX, 368; Glass, XXIII, 197; Henry, VI, 152; Hunt, V, 114, 128, 228; Jones and Carson, 178; Lewis and Clark, XXIV, 35; Lisa, V, 155, 168, VI, 111, 138; Maximilian, XXII, 336, XXIII, 251; McClellan, V, 126.

*Aristida pallens*, observed by Bradbury, V, 317; by James, XV, 241; by Nuttall, XIII, 220.

*Aristolochia tomentosa*, III, 63; *sipho* or *macrophylla*, 29; observed by Baldwin, XIV, 111.

Arizona, rivers in, XVIII, 85, 90, 130, 136; trees, 94; Indians, 109, 121, 130, 131, 155, 200, XIX, 259, XX, 53, 59, 72; Gadsden Purchase transferred to, XVIII, 121.

Ark, in Indian folk-lore, XXIII, 312, 325-327, 332, 340, 369, 377, 390, XXIV, 22.

Arkansas (Chancers, Oguahpas) Indians, name, XIII, 117; Osage band, V, 50; stock, XX, 297; habitat, IV, 298, XIII, 118; migrations, XVI, 211; size of families, 206; lodges described, 206, 207; weapons, 207, 212; wealth, 206; idea as to mounds, XIII, 162; chief, V, 192; relations with other tribes, XIII, 118, 323, XVI, 211, 212; French settlers, XIII, 140; Tonti among, 111; described, XVI, 274. See also Quapaw.

- Arkansas, called Ozark, XIII, 209; character of country, XVII, 42, 43; geological formation, XIII, 13, XVII, 56, 57; hot springs, XIX, 312; salt plains, XIII, 147, XXVI, 346; hills, XVII, 12; water courses, V, 246, XIII, 212, XVII, 34-39, XX, 252; climate, XIII, 113-115, 129, 131, 141, 142, 167, 283-287, XVII, 128, 129, XX, 259; quality of soil, XIII, 141, XVI, 191, XVII, 28, 58, XIX, 64, XX, 249; mineral wealth, XIII, 151, XVII, 29-31; roads, XIII, 295, XVII, 32, 42, XXII, 208; buffaloes, XX, 265; zoology, XVII, 132; peaches, XIII, 142; *Nuttallia*, XV, 200; *ulmus alata*, XVI, 128; Indians, XIII, 176; Caddo, 133, XVII, 53; Creeks, XXVIII, 128; Choctaw, XIII, 306; land grants, XX, 300; explorations, 147, XXI, 22; boundary, XIII, 197, 296, XX, 105, 238, 249, 253, 283, 299, XXVIII, 108, 117, 122, 126, 138; included in Missouri Territory, XIII, 134; organization, XIX, 64, XXI, 50; Miller first governor, XI, 167, XIII, 152, 192, 291; courts, 292; population scattered, 161; increase of, 292; character, 220, 221; settlements, 195, 306, XVII, 127; possibilities for settlers, XIII, 166, 167, XVII, 29; epidemics, XIII, 279; fur trade, XX, 108, 218, 224; economic conditions, XIII, 112; industrial opportunity, 290; agriculture, XVII, 31, 32; productions, XIII, 141, 142; cattle, IV, 297, 298; cotton, 298; maize, XVII, 31; rice, IV, 297; French, XIV, 163; Germans, IV, 292; "Squire" Billingsley, XVII, 13; La Salle, XIII, 117; Lefevre family, 156; Mooney, 129; Frederick Noteribe, 106; Nuttall, 12, 18, 293; Tonti, 118; described, 109, 110, 129, 147, 218, 284, XVII, 51-55; by Du Pratz, XIII, 120; by James, XIV, 23; *Gazette*, XIII, 293; *Intelligencer*, XIX, 165.
- Arkansas (Ark.), site, XIII, 111, 157; Choctaw in, 363; settlement, 111; largest settlement in Arkansas, 280; surveys, 165; Nuttall in, 104, 108; population, 109; described, 109, 112; sketch, IV, 298-300.
- Arkansas County (Ark.), boundary line, XIII, 128; Lewis in, 106; McLane, 96; Mooney, 129.
- Arkansas expedition, described by Gregg, XX, 224-227, 250; statistics, 222. See also Commerce.
- Arkansas Post, location, IX, 188, XIII, 103, 128, XVII, 121; removal, XIII, 110; as a boundary, 132, 133, XVII, 122; early settlement, IV, 298; population, XIII, 106, XVII, 127; mail service, 15; newspapers, XIII, 293; Charles Bogy, 105, 106; Leon LeRoy, 140; Nuttall, 291, 326; Lewismore Vaugine, 138; De Soto, XXVI, 230; described by Nuttall, XIII, 106; sketch, IV, 298-300, IX, 188.
- Arkopolis (Ark.), name for Little Rock (*q. v.*), XIII, 146.
- Arkwright, —, in England, XII, 121.
- Armadilloes, habitat, XXIX, 185.
- Armijo, Gen. Manuel, governor of New Mexico, XX, 231; character, XIX, 275; cruelty, 277; arbitrary government, XX, 21, 23; revolution proclaimed by, XIX, 276; tariff established, 255, 256; treatment of Americans, XX, 24, 25, 27, 143-145; at Cold Spring, 230; nephew of, 232; sketch, XIX, 255, 256.
- Armitt, Thomas, land grant to Morgan County (Ill.), XXVI, 306.
- Armorers. See Trades.
- Arms, as equipment, XIV, 44, XVII, 98, XVIII, 37, XXVIII, 11, 46, 54; barter, XVIII, 38, XXVIII, 262.
- Armstrong, —, bookseller, XI, 60.
- Armstrong, —, in Indiana, XI, 237.
- Armstrong, Delaware, sketch, XI, 296, 297.
- Armstrong, Col. John, erects Fort Loudon, I, 238; commands Fort Steuben, VIII, 279; in French and Indian War, I, 83; in Pittsburg, 284; sketch, VIII, 246.
- Armstrong, Col. Martin, sketch, III, 55.

Armstrong, P. A., *Piasa or Devil among Indians*, XXVI, 123.

Armstrong (Pa.), on Allegheny River, VIII, 246.

Armstrong County (Pa.), settlement in, I, 246.

*Arnica fulgens*, observed by Bradbury, V, 320.

Arnold, Gen. Benedict, in Canadian campaign, II, 54; Revolution, XXIV, 184; traitor, XII, 70.

Arnold, John, on Roxhall farm (Eng.), XI, 37.

"Arnold" plantation, VIII, 326.

*Aronia amifolia*, habitat, XXIX, 424.

*Arpent*. See Measures.

Arrecattawaho, Pawnee name for Big Elk, XV, 37.

Arrieros. See Muleteers.

Arrispe (Mex.), location, XVIII, 350.

Arrow-head (*sagittaria*), described by Flagg, XXVI, 287; observed by Long, XV, 272; as food, VI, 278.

Arrow Rock (Mo.), site, XXII, 244; county seat, XIV, 162; Col. Marmaduke in, XIX, 181.

Arrowsmith, Aaron, *Atlas*, VI, 351.

Arrow-wood (Fr.: Bois d'arc, *viburnum*), XIV, 111, XV, 172, XXII, 105; arrows made of, XV, 77, XX, 324, XXIII, 354; Indian tobacco, XV, 122, XXII, 313.

Arsenals, Allegheny, Long's expedition in, XIV, 43; sketch, 43; Fort Bellefontaine, XXVI, 117; Massachusetts Bay, XXII, 41; St. Louis, XXVI, 162, 173; U. S., XI, 146; Harper's Ferry, III, 50; Newport (Ky.), IV, 256, XIX, 37; Pittsburg, XV, 189. See also Ammunition, Militia, Troops, and Wars.

Arsenic. See Diseases and Remedies.

Artaguette, Pierre d', commandant, XIII, 359; attacks Chickasaw, 360; wounded, 360.

Artalejo, Don José, friendly to Gregg, XX, 197-199.

Artemisia. See Wormwood.

Artists, XI, 147, XXIV, 190; ability of, XVIII, 351; incapability of, IX, 58; prosperity of, XII, 89; accompany Long's expedition, IX, 164, XIV, 11; Peale family as, 40; paint Indian portraits, IX, 248; prices for, XI, 46, XII, 51; in Brooklyn (N. Y.), 91; Mississippi, IV, 317, 318; New York, XXIV, 126, XXVI, 137; Philadelphia, IX, 55, XXII, 32, 70, 139; Pittsburg, IV, 246; Swiss in North America, XXII, 11; print sellers, 70. See also Paintings.

*Arum triphyllum*, III, 29.

*Arundinaria macrosperma* (cane), III, 95, 231.

*Arundo*, habitat, XIV, 220; new species, XIII, 273.

Arwacahwa Indians, habitat, XXIII, 254.

*Asarum canadense*, III, 29, 54.

*Asclepias*, height, XVI, 57; *incarnata*, XV, 233; *obtusifolia*, 233; *parviflora*, XIII, 71; *syriaca*, XV, 233; *tuberosa*, 312; *viridiflora*, 233.

Asgill, Sir George, execution of, XII, 71.

Ash (trees), habitat, XV, 139, XVI, 168, 239, XX, 254, XXII, 332, 341, 384, 385, XXIII, 26, 41, 209, XXIV, 109; on Alleghanies, III, 288; on Columbia River, VI, 243; in Indiana, XIX, 71; on

- Lake Superior, II, 81; in Ohio Valley, III, 181, XIX, 77; on Missouri River, V, 72, 255, VI, 44, 46, 53, 70, 88, 90, 108; in West Florida, IV, 338; size, XV, 177; forests of, 182; abundant, XIV, 60, XVI, 189, 240, XVII, 29, 55, XXIII, 234, XXIV, 22, XXVIII, 58, XXIX, 14; as fuel, X, 42, XIV, 173, XXII, 248; used by Indians, VI, 327, XXIII, 307, 354; clapboards of, XXVI, 209; hatchet handles, 209; two varieties, X, 306; black (*fraxinus nigra*), III, 229, VIII, 181, XIII, 90, 297, XVII, 243, XXVIII, 377; blue (*f. cerulea*), III, 229, IX, 256, XVII, 115, 116, 118, 143; *f. Americana*, IX, 121; gray, VI, 320; *f. sambucifolia* and *platycarpa*, XIII, 139; prickly (*xanthoxylon clava Herculis*), V, 55, 57, XIII, 110; white (*f. alba*), III, 229, VI, 320, VIII, 181, IX, 256, XVII, 115, 116, 118, 143, XXII, 101, 258; observed by Bell, XVI, 229, 242; Farnham, XXVIII, 63; Flint, IX, 75; Gregg, XIX, 196; James, XV, 186; Maximilian, XXII, 48, 73, XXIII, 192, 193, 194; F. A. Michaux, III, 127; Nuttall, XIII, 233, 234, 242; Palmer, XXX, 36, 45, 49, 54, 206; Pattie, XVIII, 118; Woods, X, 227.
- Ashalecoa, Indian name for Virginia and Pennsylvania, I, 39, 40.
- Ash Hollow (Coulée des Frènes), Oregon emigrants in, XXX, 54, 55, 251; sketch, 54, 278.
- Ashe, Thomas, calumniates Americans, V, 12, 293.
- Ashes, pearl, as fertilizer, III, 167, X, 75.
- Ashland (Ky.), Henry Clay's country seat, X, 65.
- Ashland (Oregon), Lindsey Applegate in, XXX, 173.
- Ashley, Gen. William H., XV, 246, XXI, 10, XXII, 233, 250, XXIII, 198; in Rocky Mountain Fur Company, XIX, 237; trading boats, XXIII, 224; discovers South Pass, XXI, 59; Salt Lake expedition, 199, XXVII, 299; in Arikara campaign, XIX, 221, XXIII, 386, XXX, 173; Colorado River expedition, XXI, 60; institutes annual fairs, 84; Fitzpatrick joins, 192; encounters Ogden, 314; approves law, XXII, 254; in St. Louis, XXVI, 115; congressman, 161; sketch, 115, 153.
- Ashtabula (Ohio), lake port, XXIV, 160.
- Ashtabula County (Ohio), Buffum in, XXX, 142.
- Ashworth, —, hunting, XXI, 211, 220; robbed by Snakes, 255; with Wyeth, 197; with Lee, 280.
- Asotin County (Wash.), creek in, XXX, 290.
- Asparagus, quality, XIX, 136; cultivated, X, 305, XXVIII, 334.
- Aspen (trees), habitat, VIII, 299, XXIX, 246; abundant, XVIII, 160, XIX, 282, XXVII, 360; killed by elk, XXVIII, 217; superstition regarding, XXVII, 257; observed by De Smet, 257; Farnham, XXVIII, 204, 205, 207, 216, 232, 238, 324, 325; James, XVI, 15, 57; Palmer, XXX, 76.
- Asperifolia*, collected by Long, XV, 258.
- Aspinwall (Nebr.), Nemaha River in, XIV, 217.
- Asplenium*, black striped, XV, 176; *angustifolium*, XIII, 44; *ebeneum*, XVII, 51; *Heuchera Americana*, III, 43; *Melanoraulon*, XVII, 51.
- Assemblymen. See Politics.
- Asserhartur, Seneca Indian, I, 35.
- Asses, wild, habitat, XXVII, 39; owned by Indians, XV, 78, 144; stolen, XIX, 183; article of trade, XX, 89; as water-carriers, 165; tax on, IX, 231. See also Donkeys, Horses, Mules, and Mustangs.
- Asshawequa (Singing Bird), wife of Black Hawk, XXI, 123.



Assiniboaia, boundary, XXIII, 29, 33; drainage, XXIX, 226; Blackfeet, 218; Gov. McDowell, VI, 380; Gov. McKenzie, V, 37.

Assiniboin (Assinipoil, Gens de Roche, Jatonabine, Stone) Indians, II, 120, XXII, 387; habit, XXIII, 14, 157, XXVIII, 156, XXIX, 230, 232, 253; bands, XIV, 275, XXII, 387, 388; chiefs, XXIII, 202; resemble Mandan, 262; on "Assiniboine," XXII, 370; on Missouri River, XXVII, 183; in Fort McKenzie, XXII, 10; Fort Union, XXIII, 189, 190, 201; Fort Vermillion, VI, 370; in Washington (D. C.), XXIII, 13; on Wild Onion Creek, XXII, 367; boundary, XXIII, 46; population, XXII, 35, 304, 387, XXIII, 255, XXVII, 166, XXVIII, 156, XXIX, 224; camps, XXIII, 104, XXVII, 183; language, XX, 297, XXII, 383, XXIII, 14, XXIV, 208, 215-217, 301, 302, XXIX, 421, 423; associations among, XXIII, 115; bravery, XXII, 392, XXIII, 151, XXIV, 65; dress, XXII, 370, 371, 388, 389, XXIII, 15, 100, 262; ornaments, 15-17, 101, 265; face painting, 202; games, XXII, 392; songs, 10; feasts, 392; arrow-heads, XXIII, 354; battle axe portrayed, XXII, 361; pipes, 361; cradle, XXIII, 281; leather tents, 14; sledges, 14; dogs, 273; steal horses, XXIV, 81; killed in sand bank, XXIII, 29; deformed, 20; hunting, XX, 268, XXII, 390; small-pox, 34; religious beliefs, 392, 393, XXIII, 361; burial customs, XXII, 354, 373, XXIII, 24, 26, 32, 36; relations with other tribes, XXII, 15, XXIII, 70, 146-150, 152, 220, 232, 233, 354, 383, 384, 394, XXIV, 70, 80, XXVII, 149, 181, 398, 399, XXVIII, 156, XXIX, 252, 259; in fur trade, II, 168, XXII, 364, XXIII, 12, 13, 200, 227, 228, XXIV, 49; hostility, XXIII, 22, 160, 162, 165, 227, XXIV, 64, 65, XXVII, 147, 148; attitude towards Catholics, XXIX, 220; war parties, XXIII, 14, 15, 20, 21, 204, XXIV, 63, XXIX, 365; De Smet among, 225, 367, 368; La Vérendrye, XXIII, 253; Kenneth McKenzie, 14; Maximilian, 16-19, 373, 387-393; Sanford, XXII, 235; Bodmer's views and sketches, XXV, 15, 16; sketch, II, 168, XXIX, 220, 221.

"Assiniboin" (steamer), equipment, XXII, 330; supplies, 332, 333, 339, 340, 366, 369, 372; cargo, XXIII, 12, XXIV, 100; carries Indians, XXII, 328, 351; letters on, 276; accidents, 331, 333, 368; races with "Yellowstone," 294, 295, 312; Maximilian on, 15, 282, 328, 332, XXIV, 98; Capt. Pratte, XXII, 300; at Bijoux Hills, 301; on Emanuel Creek, XXIV, 98; at Fort Clark, XXII, 344, 345, 351; Fort Union, 374; on Missouri River, 286, 290, 291, 311, 363; in St. Louis, 240; return trip, 16; burned, 17, 383, XXIII, 79, 178, 242.

Assiniboine, sheriff of, VII, 11.

Assinipoil Indians. See Assiniboin.

Asters, varieties of, XXVI, 286; abundant, XXVII, 116; observed by Bradbury, V, 320; Maximilian, XXII, 84, 129, XXIII, 194; Nuttall, XIII, 54, 284.

*Astel coccinnus*, habitat, XXIX, 424.

Astor, John Jacob, fur trader, VI, 13, 188, VII, 10, 34, XV, 193, XXII, 378, XXIX, 18, 69; establishes American Fur Company, V, 224, VII, 35, 39, XXII, 232; purchases Mackinac Company, VII, 35; partners, 12, 38; policy and plans, VI, 286, VII, 36, 37, 40, 162, 181, 233-235, 237, 238, 251, 270-272; relations with fur traders, VI, 268; employs British subjects, VII, 37; Canton agent, VI, 287; bearing Canadian voyageurs, VII, 42; opinion of John Clarke, 195; employs Ebbetts, VI, 277; Franchère, 14, 297, 298; relations with Hunt, V, 36, VII, 89, 243; represented by McDougall, VI, 405, VII, 102; joined by McKay, VI, 188; employs McKenzie, V, 37, VII, 174; meets Maximilian, XXII, 58; relations to Ross, VII, 10, 13, 40; in Fort Mackinac, V, 36; founds Astoria, VI, 173, 174, VII, 98, 234, XXI, 311; expeditions to Oregon, XXIX, 117; ignorant of Northwest conditions, VI, 251, 255, VII, 92, 94, 98, 161; marine expedition to Astoria, VI, 197, VII, 161, 251; relations with Thorn, VI, 207, VII, 53, 163, 164, 174; affairs at Astoria, 263; Astor's solicitude, VI, 406; sends supplies, 315; dispatches from Astoria, 272, 406, VII,

195, 228, 239; betrayed by Astorians, VI, 303, VII, 244, 245; in New York, 233; names Pacific Fur Company, VI, 297; dissolves American Fur Company, V, 36, 37; in War of 1812-15, VI, 280, VII, 235; sketch, VI, 188, VII, 34.

Astoria (Oregon), location, VI, 241, 259, 313, VII, 88, 114, 116, 148; site, XXIX, 35, 69, XXX, 201; surroundings, VII, 89, XXX, 200; trees near, VI, 319, 320; fruits, 320, 321; furs, 294, VII, 131, 243; as a boundary, XXX, 198, 199, 204, 215; founded, VI, 173, 188, 241, VII, 88, 97, 98, XXIX, 56, 117, XXX, 9; named for Astor, VII, 98; buildings in, VI, 251, 255, 259, 278; deputies, XXIX, 159; Chinook near, XXI, 363; Indians, VI, 266, 289, VII, 101, 124, 153, 170; Comcomly, 248, 249; Kasiascall, 172; Americans, VI, 255, VII, 251, XXVIII, 38, XXX, 201; jeopardy of, VII, 251; defenselessness, 172; fate, 10; ruin, 235, XXI, 311, XXIX, 69; seized by British, VI, 173; warships in, VII, 245, XXX, 202; "Albatross," VI, 285, VII, 243; "Beaver," 233; "Raccoon," 249; "Tonquin," V, 244, VII, 98, 162; sale of, V, 37, VI, 260, 261, 282, 296, 405, VII, 10, 244-246, XXIX, 56; transferred to British, VII, 13, 247, 248; British in, VI, 316, VII, 250; becomes Fort George, VI, 301, VII, 250, XXIX, 56; land claims, XXX, 202; Bethune in, VI, 295; Birnie, XXIX, 161, XXX, 205; British Canadians, VI, 280; Clarke, VII, 244; Crooks, V, 36; Day, 181; Farnham, VII, 186, XXIX, 69; Franchère, VI, 265, 266, 278, 279, 401; Gervais, VII, 231; Gray, XXI, 353; Hunt, V, 233, VII, 185, 236, 243, XV, 246; Jeremie, VI, 191; Keith, 390; McClellan, V, 106, 234; McClure, XXX, 207; McDougall, VII, 239, 248, 262; McKenzie, V, 234, VI, 272, 283, VII, 185, 216, 217, 233; McLennan, 154; Mumford, VI, 261; North West Company, 189, 296, 297, 336, VII, 101, XXIX, 117; Ogden, XXI, 314; Pacific Fur Company, VII, 235, 239; Pillet, 154; Reed, V, 234; Stuart, VII, 193, 199; Taylor, XXX, 153; Thompson, VI, 346, VII, 126, XXIX, 56; Thorn, 164; population, XXX, 20; Palmer describes, 201; sketch, XXIX, 57, XXX, 201; view, VI, 170. See also Forts: George.

#### ASTORIAN EXPEDITION —

*Sea party:* VI, 153, VII, 42, 88, 89, 92, 97, 125, 240.

*Land party:* V, 14, VI, 189, 267, 268, VII, 115; commanded by Hunt, V, 36, 37, VII, 41, 174; partners, 44, 47, 50, 54, 58, 59; clerks, 50, 51, 58, 59, 162, 208, 247; in Montreal, 42, 174; number in party, VI, 268, VII, 41, 115; supplies and equipment, V, 70, VI, 190, 251, 252, 259, 261, 263, 265, 267, 268, 271, 274, 276-279, 281, 283, 285, 287, 301, VII, 87, 89-95, 98, 116, 117, 122, 123, 126-128, 135, 148-150, 153, 161, 175, 180, 182-184, 187, 191, 193, 210, 225, 227, 241, 256; lack of precaution, VI, 275; illness, VII, 92-94; dangers, 94, 98, 99; accidents, VI, 87, 92, 116, 117, 134, 183, 184, 240, 254, 270, 274, 275; hunters and trappers among, V, 98, VI, 273, VII, 41, 173, 180, 183, 215, 216, 223, 239, 266; Americans join, 41; daring, V, 13; route from Mackinac to St. Louis, VII, 178; in St. Louis, V, 10, 180; portages, 122, 126, 144, 146, 187, 188, 195; caches, VI, 269, 280, 283, VII, 186, 194, 214-217; deserters, 93, 178, 181, 182; feuds, 94; plots, 93; scouting, 183; abandon canoes, VI, 269, VII, 183; abandon horses, 182; destitution, 183; party divided, VI, 269, VII, 158, 183, 240; reunion, VI, 272; wintering place, VII, 181, 182; furs collected, 158; joined by Bradbury, V, 36; Crook and McClellan, 36, 106; Day, 181; Dorion, 38; Gardepied, 76; Matthews, VI, 261; Pelton, 271; on Mad River, 269; on Missouri River, VII, 180, 182; Okanagan River, 150, 151, 154; Pierre's Hole, XXI, 63; Point George, VI, 241, 242; cross Rockies, 268; discover South Pass, XVIII, 140; on Wallawalla River, VII, 240, 242; relations with Indians, V, 11, VI, 243, 245, 255, 256, 258, 272, 274-277, 284, 293, 295, 304-312, VII, 95, 99, 121, 124, 132, 136-139, 141, 143, 147, 148; number lost, 270; survivors, VI, 407; geographical nomenclature, VII, 120; narratives, VI, 17, 268-271, VII, 9, 12, VIII, 9, XXI, 10. See also Hunt, Wilson P-

*Astorians:* VIII, 9, XVIII, 140; number, VII, 195, 246; recruited, 42, 174-176; partners, 236; councils, VI, 280, VII, 194, 195, 236; trappers, 179, 180, 215, 216, 223, 239, 266; deserters, VI,



ASTORIAN EXPEDITION: *Astorians* (continued)—

261; generosity, VII, 246; occupations, VI, 259, 261, 268, 272, 278, 302, 318, 319, VII, 89-92, 97, 98, 160; military drill, VI, 256; amusements, 267, 279; astronomical observations, VII, 151; illness, VI, 279, 281; supplies, 256, VII, 235, 272; interior expeditions, VI, 277, VII, 95-97, 121-125, 132, 142, 160, 186, 194-196, 221, 222, 239; relations with British, VI, 295, 296, VII, 261; with Indians, VI, 258, 281, VII, 94-99, 125-128, 131, 134, 139, 143, 148, 150, 151, 159, 187; business outlook, VI, 288; learn of loss of "Tonquin," VII, 163; mutual recriminations, VI, 282, VII, 237; grievance against Astor, 162; discouragement, 160, 172, 216, 217; dispatches to Astor, 187, 188; failure, VI, 283, 284, XXI, 9, 201; Franchère's sympathy, VI, 194.

*Astragalus*, several species, XV, 241; described, 181; abundant, XVII, 194; as medicine, V, 133; observed by Baldwin, XIV, 124; Bradbury, V, 319; James, XV, 177; Long, XVI, 85.

*Astrea Pentramea*, on Arrow Rock, XIV, 171.

Astronomers, in Pennsylvania, III, 51.

Atacapas County (Mo.), sugar culture in, V, 264.

Atanum Indians, branch of Yakima Indians, XXVII, 377.

Atchison County (Kans.), boundary line, XIV, 175, 179, XXII, 256; Say, XIV, 210.

Atchison County (Mo.), river in, XIV, 140; Tarkio Creek, 216; boundary, 217.

Atchison, Topeka & Santa Fé Railway, route, XIX, 211, 253, XX, 25, 152, 213; stations, XIX, 303.

Athabasca (Can.), mountains, XXIX, 258; Indians in, 254; route from Lake Superior, VI, 367; North West port, 187, 251; traders, 380, 383; Clarke, 273; Henry, 313; McDonald, 358; McKay, 188; Mackenzie, 187; McTavish, 282; Rocheblave, 375; missions in, XXIX, 255.

"Athabasca," fur-trade vessel, II, 81.

Athabaskan Indians, tribes, XVIII, 69, 109, XX, 70; branches, XXIX, 253; families, XXVIII, 156; affinities, XXIII, 90.

Atheneums, in Lexington (Ky.), IX, 137; described by Flint, 13; in Philadelphia, 57. See also Amusements.

Athens (Ohio), origin of name, X, 329; location, 225; Indian mounds, XIX, 84; described by Evans, VIII, 264.

Athens County (Ohio), drainage, XXII, 151; stone quarries, XIX, 77.

*Atheropogon*, observed by Nuttall, XIII, 220; *apludoides*, XV, 226; *oligostachyum*, 200.

Atipaát, Pawnee squaw, XXIX, 390.

Atkins, —, in Charleston (S. C.), XI, 72.

Atkinson, Gen. Henry, Yellowstone expedition, XIV, 9, 10, XXIII, 227, 228, XXVI, 117; on Missouri River, XV, 202; fort erected by, XXII, 275; selects site for Jefferson Barracks, XXVI, 176; erects Fort Jefferson, XXI, 122; in Jefferson Barracks, XXII, 229-231; treaty with Mandan, XXIV, 50; sketch, XIV, 10, XXII, 229, XXIII, 227.

Atlantic coast, direction, XVII, 188, 217, 246; climate, VIII, 299; buffalo, XX, 265; harbors on, XIV, 41, XXX, 200; levees, 205; landing of whites, XIII, 305; cities, XIX, 138. See also Oceans: Atlantic.

*Atlantic Monthly*, XVIII, 137.

Atman, —, in Lynn (Mass.), XI, 63.

Atnahs (strangers). See Shushwaps.

Atole, as food, XIX, 293, XX, 66; described by Gregg, XIX, 293.

- Atowateany, Indian chief, I, 263.
- Atriplex*, habitat, XVI, 121.
- Atsina Indians. See Grosventres.
- Attawang (village), trail, I, 324; Morris a prisoner in, 324.
- Attawang, Uttawaw chief, I, 303, 324; aids Morris, 304, 306, 308; in Detroit, 309.
- Attayes Indians, baptisms among, XXVII, 377; sketch, 377.
- Attreen, Ramon, gives custom house certificate, XVIII, 181.
- Atwater, Rev. —, college principal, IV, 48.
- Atwater, Caleb, describes Indian mounds, XXII, 149, XXIV, 150; *Ohio*, XXII, 149; *Tour to Prairie du Chien*, 149; *Western Antiquities*, 149, XXIV, 150; *Writings*, XXII, 149, XXIV, 150; sketch, XXII, 149, XXIV, 150.
- Atzlan, divinities of, XVIII, 371; Aztecs in, XX, 68.
- Au Barre, —, fur-trader, XIV, 165.
- Aubert, Father —, missionary, XXIX, 240.
- Aubrey City (Ariz.), location, XVIII, 136.
- Aubry, Charles, Chevalier de, governor of Illinois, III, 73; Louisiana, I, 147.
- Auburn (N. Y.), Evans in, VIII, 126.
- Aucas Indians, use leather, XXII, 309.
- Auctioneers, enterprise of, X, 347; methods, XII, 182; sell public lands, IV, 266, XXVI, 198 (see also Lands).
- Auctions, for debt, IV, 100, 129; public lands, 266, XXVI, 198.
- Audebert, Jean Baptiste, ornithological plates, XXII, 164; sketch, 164; *Apes, Lemurs, and Galeopithecii*, 164; *Humming Birds, Fly Catchers, Jacamars, and Pomerap*, 164.
- Audrain, —, farmer, VI, 57, 60; in Pittsburg, III, 31.
- Audubon, John James, in Fort Alexander, XXII, 345; Fort George, XXIX, 371; Fort Pierre, XXIV, 16; Fort Union, XXIII, 189; Hendersonville (Ky.), IV, 267, XIII, 70, XXVI, 65; observes Arikara, XXII, 336; employs hunter, XXIII, 192; jays mentioned, 169; sketch, XXVI, 65; *Birds of America*, 65; *Ornithological Biographies*, XXII, 150, XXIV, 321, XXVI, 65.
- Audubon, Maria R., describes Vermillion Post, XXVII, 153; *Audubon and his Journals*, XXIII, 149, 189, 192, 360, XXVI, 65, XXVII, 153.
- Aughuaga Indians, Five Nations tribe, habitat, I, 167.
- Aughwick (Pa.), Croghan in, I, 12, 82, 83.
- Auguel, Antoine, with Hennepin, XXVII, 38.
- Augers, as equipment, XXVII, 310, XXX, 259; scarcity, XIX, 334; makers, IX, 84.
- Augusta (Ga.), executions in, XII, 309, 310; Monroe in, VIII, 79.
- Augusta (Ky.), location, IX, 148; Maximilian in, XXII, 154; Nuttall, XIII, 61; described by Flint, IX, 148; Woods, X, 233; sketch, 233, XIII, 61.
- Auks, numerous, XXI, 317.
- Aulneau (Auneau), Jean Pierre, Jesuit missionary, VI, 383.
- Aurania (N. Y.), early name for Albany (*q. v.*), VIII, 117.
- Aurelius (N. Y.), Evans in, VIII, 126.
- Aurora (Ind.), sketch, XXIV, 142.

- Aurora borealis*, observed by De Smet, XXIX, 215; Long, XVII, 272; Maximilian, XXIII, 32, 37, 174, 180, 183, 184; Welby, XII, 271; in Indiana, XXII, 172; Fort Clark, XXIII, 240; Western States, IX, 245.
- Austin, —, on Highland Creek (Ind.), IV, 269.
- Austin, Moses, mine proprietor, V, 251; erects shot tower, XXVI, 103; in Herculaneum (Mo.), XXII, 212; letter to Schoolcraft, XXVI, 265; *Lead Mines of Ste. Geneviève and St. Louis Counties*, 95; sketch, V, 251, 252.
- Austin, Col. Stephen F., Mexican grant, XVIII, 366, 368; sketch, 366; founds Texas colony, V, 252; adhesion to Mexican Republic, XVIII, 368.
- Austin (Tex.), mountains near, XX, 255; Comanche depredations, 348, 349; settlers, XXVIII, 149; Gen. McLeod, XVI, 85; sketch, XX, 255.
- Autiamque Indians, De Soto among, XIII, 329-331.
- Ava, Hawaiian plant, VI, 221, 222.
- Avery, —, founds Belle-prè (Va.), IV, 131.
- Avery, J. C., town founded by, XXX, 175.
- Avery, Mary, river named for, XXX, 175.
- Avery, Col. Waightstill, sketch, III, 55, 56, 98, 100.
- Avon (N. Y.), Evans in, VIII, 129.
- Avosets (*recurvirostra americana*), observed, XV, 323, XVI, 120; described by Maximilian, XXIII, 186, 187, XXIV, 101; by Townsend, XXI, 184.
- Avoyelle Indians, discovered by French, XVII, 61.
- Avoyelles (La.), location, XVII, 63; settlement, 61; population, 62; sketch, 61, 62.
- Awacháwi (le village des souliers), Minitaree village, XXII, 357; site, XXIII, 220.
- Awakanomin, Indian chief, I, 220.
- Awatichai (Awatichay), Minitaree village, XXII, 357; Charbonneau in, XXIII, 223.
- Awls, Indian instrument, V, 178; buried with Indians, XX, 351; article of trade, 131, XXI, 261.
- Axes, character of in Mexico, XVIII, 145; used in lumbering, XIX, 333; backwoods implement, IX, 123, XI, 230, XVIII, 342, 343; dexterous use of, V, 303; as equipment, VII, 89, 91, X, 265, XV, 192, XIX, 207, XXI, 33, XXII, 113, XXVII, 310, XXVIII, 333, XXX, 129, 130, 137, 259; article of trade, XXI, 81; prices, XI, 241, XXX, 219; stolen, VII, 125, XV, 351. See also Indians: Weapons.
- Axolotl*, in Mexico, XIV, 46.
- Ayala, —, on San Francisco Bay, XVIII, 283.
- Ayanyan (le fils du gros Français, "General Jackson"), described, XXIII, 20, 21; speech to McKenzie, 22.
- Ayarbee, Nipigon Indian, II, 135, 136.
- Ayay Indians, De Soto among, XIII, 331.
- Ayouwais Indians. See Iowa.
- Aymes, Edward, on "Tonquin," VI, 195; deserted by "Tonquin," 227, 228.
- Ayre, —, engineer, IV, 252.
- Ayres, Capt. —, relations with Indians, VI, 257, 293.

- Azaleas, in Pennsylvania, III, 151; beauty of blossoms, V, 280; scarcity, XXII, 166; *coccinea*, III, 151; *foliis apice glandulosis*, 57; *lutea*, 57, 99; *octandra*, 27.
- Azare, Felix de, *Voyages*, XXIII, 300.
- Azolla caroliniana* (wild), abundant, XXII, 194.
- Aztec (Azteques) Indians, habitat, XX, 68, 71; migrations, 68, 69, 301, XXII, 174; language, XX, 70; laws, XVIII, 372; religion, 371; obsidian knives, XXII, 174; antiquities, XIX, 293; sacred eagle, XVIII, 371.
- BABINE AGENCY, Sekanais on, XXIX, 253.
- Babine Indians, sketch, XXIX, 278.
- Baca (Vaca), Bartolomé, governor of New Mexico, XVIII, 76, XX, 23; relations with Pattie, XVIII, 77, 83, 84; sketch, XX, 23.
- Baca, Tio, Mexican guide, XX, 142.
- Bach, Johann Sebastian, musical composer, IV, 81.
- Bache, Benjamin Franklin, editor, XII, 306.
- Back, Sir George, estimate of skins exported, XXII, 381; quoted, 296; sketch, 296; *Arctic Land Expedition* cited, 296; *Frozen Ocean*, XXIV, 169.
- Backhouse, —, brewer, X, 354.
- Backwoodsman*, XXVI, 123.
- Backwoodsmen. See Frontiersmen.
- Bacon, Francis, quoted, XX, 146, XXVI, 205.
- Bacon, quality of, XI, 203; scarcity, X, 246, XI, 77, XIII, 59; as supply, XIV, 128, XIX, 190, XXVIII, 11, 45, 59, XXX, 260; article of food, IX, 161, X, 93, 134, 284, 337, XI, 153, XII, 251, XV, 179, XXII, 329, XXIII, 207, XXVI, 229, 323, 324, 332, XXVIII, 56, 181; of trade, VIII, 257, 269, X, 245, 253, XI, 132, XXI, 148; prices, V, 288, X, 108, 236, 279, 355, XI, 180, 300, 301, XIII, 317, XIV, 148; dried, X, 278, 279; drying, XI, 137.
- Baculites, observed by Maximilian, XXIII, 181; abundant, 60, 61.
- Bad Axe (Wis.), battle of, XIX, 187, XXII, 228.
- Bad Lands ("Mauvaises Terres"), boundary, XXIII, 66, 69; pass, 66; game on, 52, 53, 55; Maximilian on, 54; Sully's campaign, XXIV, 12; described by Laidlaw, 90; by Maximilian, XXIII, 64, 67; sketch, XXIV, 90.
- Badger, Joseph, missionary to Indians, IV, 90.
- Badgers, habitat, XXVII, 131, 184, 262, XXIX, 214; as food, XVI, 94; hunted, 93; in Indian legend, XXIII, 313; observed by Nuttall, XIII, 265; *meles labradoricus*, XV, 247; *taxus labradoricus*, 317; skins, as caps, XXIII, 202; as drum, XXIV, 28, 30.
- Badollet, Jean, in Vincennes, XXIV, 138; founds Greensburg (Pa.), III, 336; sketch, XXIV, 138.
- Bagot, Sir Charles, English minister to United States, XII, 46; introduces bow-wood tree, XXII, 186; described by Faux, XII, 47.
- Bailey, Margaret (née Smith), missionary to Oregon, XXIX, 19.
- Bailey, Dr. William J., wounded by Indians, XXI, 328-331; entertains Farnham, XXIX, 18, 19, 26; sketch, XXI, 329.
- Baillie, Capt. —, commands "Modeste," XXX, 208.

- Baily, Francis, observes sycamores, IX, 285.
- Bain, James, editor, II, 17, 121; *Alexander Henry's Travels*, I, 160, II, 11, 168, XXVIII, 156.
- Bainbridge & Brown, London merchants, XI, 68.
- Bainbridge (Mo.), location, XVII, 92; geological formation, 222; Long's expedition in, 217; Maximilian, XXII, 208; population, XVII, 126.
- Bainbridge (Ohio), Indian mounds near, IX, 126; Cuming in, IV, 212, 213; Faux, XII, 16; population, IV, 212, XII, 16; described by Welby, 208; sketch, 16.
- Baird, David, founds Beardstown (Ky.), III, 41.
- Baird (Beard), James, in Santa Fé trade, XIX, 176, 177, 216; makes cache, 216.
- Baker, —, in Philadelphia, XI, 211.
- Baker, —, broker, XII, 306.
- Baker, Capt. —, bay named for, VI, 234.
- Baker, Capt. —, commands "General Wade Hampton," XI, 105.
- Baker, Edward, in Springfield (Ill.), XXVI, 318.
- Baker, Henry, sketch, IV, 117.
- Baker, John, sketch, IV, 117.
- Baker, Joshua, on Yellow Creek, IV, 117.
- Baker County (Oregon), river in, XXI, 267.
- Baker's Station, John Baker in, IV, 117.
- Bakers. See Trades.
- Bakewell, —, manufacturer, IV, 109, 110, X, 37, XIII, 45.
- Bakewell, Pears & Company, glassworks, in Pittsburg, X, 37.
- Bakewell, Robert, cited, XVII, 242.
- "Balay," plantation on Mississippi River, VIII, 326.
- "Bald Chief," visited by Wyeth and Stewart, XXI, 203.
- Bald-Head Indians. See La Playes.
- Baldock (Eng.), emigrants from, XI, 252, XII, 251.
- Baldwin, —, mill owner, IV, 95.
- Baldwin, Charles Candee, *Early Maps of Ohio and the West*, I, 106.
- Baldwin, Henry, lawyer, IV, 84.
- Baldwin, Rev. Theron, school principal, XXVI, 119.
- Baldwin, Dr. William, physician and botanist, XIV, 11, 13; with Long, 39; duties, 41, XV, 189; plants examined, 107; botanical observations, 124, 156; opinion on milk sickness, 142; illness, 44, 65, 68, 127, 142; death, 12, 153; diary, 62, 153, 155; *MS. Notes*, 107, 124, 128, 129; sketch, 39, 40, 153-156.
- Baldwin (Mo.), location, XIX, 195.
- Balfour, Capt. Nisbet, in Fort Mackinac, I, 123.
- Balise (La.), Evans in, VIII, 356; lighthouse, IV, 370.
- Ball, —, slave owner, IV, 174.
- Ball, John, aids Wyeth, XXI, 73.
- Ballance, C., *Peoria*, XXVI, 133.



Ballard, Capt. James H., in Fort Smith, XVI, 186, 290; as guide, XVII, 12; in Belle Point, 14; sketch, XVI, 186.

Ballettré. See Picoté.

Balm of Gilead, abundant, XXX, 98, 111.

Baltimore, Lord (George Calvert), in Maryland, III, 50; Pennsylvania, 50.

"Baltimore," wreck of, XXVI, 57.

Baltimore (Md.), distance from Knoxville, III, 266; from Pittsburg, XXI, 37; quality of soil, X, 190; briars in, 207; rain storms, 195; Indian chiefs, XII, 51; fortifications, XXVI, 188; stage route, IV, 51, 112, IX, 67; mail route, IV, 51; National Road, III, 50, IX, 59, 81; canal to Pittsburg, XXII, 131, 132; seaport, XI, 38, XXII, 112; pilot vessels in, X, 184; "Resolution," 186; religions in, 194; liberality of religious sects, 319; charitable measures, IX, 288; prisons, 166; cemeteries, XII, 291; marriage laws, XI, 170; market in, III, 195, 270, 343, IV, 136, 147, 229, 279, VIII, 249, 269, IX, 281, X, 192, XI, 148, 165, XII, 20, 291, XIX, 27; cattle market, III, 245, X, 203, 204; hogs, 209; oats and potatoes, 211; paper market, III, 200; provision market, 266; trade centre, 145, 157, 202, 205, 251, IV, 36, 60-62, IX, 86, X, 189, 212, XIX, 26; foreign market, VIII, 304, 339; transportation prices, IX, 105; price of clothing, X, 236; commercial depression, 187; industrial progress, IX, 59; lack of employment, 226, XI, 133; paupers, X, 196, 351; emigrants (and immigrants), V, 298-301, IX, 105, 115, 116, 164, 198, X, 139, 143, 147, 151, XI, 121, XIX, 26, XXVI, 278; mechanics, III, 256, IV, 149, VIII, 250; merchants, III, 203; British troops, X, 290; Harmonists, V, 314; Irish, X, 195; Archer, IV, 71; H. M. Brackenridge, VI, 9, 10; Andrew Ellicott, IV, 332; Faux, XI, 13, 111, XII, 66; J. V. Huntington, VI, 16; Jackson, IV, 46; Joseph Lancaster, XII, 67; Brantz Mayer, XX, 38; Joseph Miller, V, 106; Ninian Pinckney, VIII, 159; Ware, XX, 205; Welby, XII, 326; Wethered, XX, 205; Edward Wilson, XI, 107; John Woods, X, 13, 185, 187, 188, 197, 202, 261, 262, 319; Jacob Wyeth, XXI, 30; Wyeth's expedition, XXI, 11, 34, 35; described by Welby, XII, 290; Woods, X, 190; population, 191; newspapers, IV, 79, XXI, 33; Monument Square in, XII, 290; *Daily Advertiser*, IV, 69; *Federal Gazette*, 74.

Baltimore bird (*oriolus baltimoreus*), numerous, XXIV, 147; observed by Long's expedition, XV, 321, 326.

Baltimore & Ohio Railroad, survey, XIV, 25; route, XXI, 35; in Cumberland (Md.), IX, 64.

Baltimore-Zanesville transportation rate, X, 75.

Bamboo, in Sumatra, VIII, 31; on Mississippi River, IV, 356.

Bananas, in Hawaii, VI, 221; articles of trade, 211, VII, 59, XXII, 42.

Bancroft, Dr. —, in Charleston (S. C.), III, 128.

Bancroft, Hubert Howe, historian, XXVII, 129; secures Sutter manuscript, XXX, 230; cited, XVIII, 298, XXIX, 274; *History of British Columbia*, 149; *History of California*, XVIII, 17, 262, 263, 265, 270, 273, 289, 307; *History of New Mexico and Arizona*, XIX, 259, 260, 268, 274, 330, 332, XX, 79, 80; *History of Oregon*, VII, 36, XXIX, 127, XXX, 42, 89, 124, 150, 182, 306; *Northern Mexican States and Texas*, XVIII, 365; *Northwest Coast*, II, 76, 163, VII, 245, XXVIII, 31, 33, 36.

Bandelier, A. F. A., *Indians of Southwestern United States*, XVIII, 121, 130, 136, 155, XIX, 266, 283, 301, XX, 55, 57, 59, XXVII, 180; *Documentary History of Zuni Tribe*, XX, 56.

Banditti. See Crime.

Bandolin (guitarra), among New Mexicans, XX, 36.

Baneberry (*actæa racemosa*), abundant, XXII, 75.

Banff (B. C.), location, XXIX, 216, 218.

Bangor (Maine), land speculation in, XXVI, 198.

Banks, Sir Joseph, Long's dedication to, II, 13, 22; sketch, 22.

Banks and bankers: Banks, established by John Law, XXVII, 49; by Mormons, XXVI, 358; chartered, IX, 133, 136, 222; unchartered, 310; number in United States, 133; multiplicity of, 225; stock taxed, 230; exchange rates, XI, 105, XII, 270, 274; fraudulent methods, IX, 12, 132-136, 219-224, 229, 231, 241, 267, 310, XI, 223, XIII, 65; depreciated notes, XI, 171, 174, 207; disturbed condition, XII, 119; failure, 197; ruin caused by, XI, 160; independent, IX, 133; national, 233; controversy over, XII, 40, 41; Savings, 302; State, IX, 130, 133, 222, XII, 292; United States, IX, 132, 241, X, 67, XI, 171, 194, XII, 222, XIX, 40, XXII, 63; chartered by Congress, IX, 209; taxation of, 223; notes, 133; hostility towards, XI, 223; Bank of England, X, 119, 146; notes, 167; Planters' failure of, XIII, 302; in Baltimore, X, 187; Chambersburg (Pa.), IV, 51; Chillicothe, IX, 118, 119; Cincinnati, 297, XI, 171, XXVI, 31; number, IX, 239, 241; Columbia (S. C.), XI, 81; Delaware, XII, 292; Harmony (Ind.), X, 59; Jacksonville (Ill.), XXVI, 306; Kentucky, IX, 133; Lancaster (Ohio), 305; Lebanon (Ohio), 300; Lexington (Ky.), IV, 183, IX, 132; Limestone (Ky.), 127; Louisville (Ky.), XIX, 40; Mansfield (Ohio), IX, 307; Marietta (Ohio), IV, 124, X, 223, XIX, 34; Millersburg (Ky.), IX, 129; New Orleans, refuse specie, VIII, 339; Owl Creek, IX, 306; Philadelphia, 55, XXII, 63; Pittsburg, IV, 78, X, 217; Portsmouth (Ohio), 230; St. Louis, XIV, 269; Shawneetown (Ill.), X, 254, XIX, 43, XXVI, 69; Steubenville (Ohio), IV, 107, IX, 102, XIX, 34; Syracuse (N. Y.), XXIV, 180; Uniontown (Pa.), X, 214; Vandalia (Ill.), XXVI, 243; Vincennes, XIX, 71; Wilkesbarre (Pa.), XXII, 111. Bankers, character, IX, 235; depredations, 224; slovenliness, XII, 165; in Charleston (S. C.), XI, 56, 60, 66, 67; Madisonville (Ind.), 167; Philadelphia, 105, 273; cashiers, XII, 222, XXII, 374.

Bannock (Bonak) Indians, habitat, XXVIII, 317; willow lodges, XXI, 262; character of, 302; fishing parties, 242; battle with Blackfeet, 242; relations with Flatheads, XXVII, 289, 327, 328; relations with whites, XXI, 326; hostility of, 326, XXVII, 278; treachery, 353; Abbot killed by, XXI, 73; meeting with De Smet, XXVII, 280; Eugene massacred by, XXIX, 418; meeting with Farnham, XXVIII, 318, 319; relations with Wyeth's expedition, XXI, 262-264, 266; in St. Mary's mission, XXIX, 325; disposition toward missionaries, XXVII, 284; number converted, 319; as traders, XXI, 192, 255; sketch, 192.

Bannock County (Idaho), mountain pass in, XXVII, 248.

Baobab, growth, XIV, 69.

*Baptisia*, described, XV, 181; *leucophæa*, described by Nuttall, XIII, 202.

Baptists, liberality of, X, 319; public immersions, IX, 139; circuit riders, XXVI, 314; school supported by, 203, 204; among Indians, XIX, 149; Choctaw Academy assisted by, XX, 306; mission among Shawnee, 288, 305, XXVIII, 137; Calvinistic, in Albion (Ill.), X, 161; German, in Pennsylvania, I, 62; in Philadelphia, IX, 54; Pittsburg, XXVI, 358; Gibson County (Ind.), XI, 283; Jacksonville (Ill.), XXVI, 310; Kentucky, III, 43, X, 238; Lexington (Ky.), IX, 132; St. Louis, XXVI, 31; Wanborough (Ill.), X, 318; Washington (D. C.), XII, 53; Campbells join, XXVI, 358; ministers, XI, 129, XIX, 149; English clergyman, XI, 129; *Western Pioneer*, official organ, XXVI, 31.

Baranoff, Count Alexander Andreyevitch, governor of Sitka, VI, 288; at Kamtschatka, VII, 233; Sitka, VI, 285, 286; expedition to Bodega Bay, XVIII, 283; sketch, VI, 286, VII, 233.

Barataria (La.), free-booters from, XVII, 157.

*Barbarea americana*, observed by Nuttall, XIII, 150.

- Barbault, Anna Letitia, quoted, XI, 91.
- Barbeau, Jean Baptiste, justice, XXVII, 79.
- Barbee, Joshua, sketch, III, 38, 39.
- Barber, —, merchant, XIII, 287.
- Barber, Dr. —, in Washington (D. C.), XII, 52.
- Barberry bushes, stunted, XVIII, 107.
- Barbiska. See Bavispe.
- Barbo, Gil y, commandant of Nacogdoches (Tex.), XVIII, 367.
- Barbour, James, appoints Shreve, XXVI, 57; described by Faux, XII, 39-43; eloquence of, 23; sketch, 40.
- Barbour, Philip Pendleton, sketch, XII, 43.
- Barceló, Señora Doña Gertrudes (La Tules), monte dealer, XX, 34.
- Barclay, Capt. John, navigator, VI, 256; on Lake Erie, 364; in War of 1812-15, VIII, 240.
- Bardstown (Ky.), poplars, III, 176; road, 41, 88; André Michaux in, 42, 65; James Pursley, XIX, 73.
- Baring, —, merchant, XVIII, 360; land purchase, 348.
- Bark, as covering, XXVIII, 132, 134; Indian huts of, IV, 285, XIII, 137, XVI, 273; mantels made from, XIII, 323; how tanned, X, 206; prices, 206.
- Bark-spice trees, habitat, VIII, 299.
- Barker, Abner, in Pittsburg, IV, 78.
- Barkersville (Mo.), Côte sans Dessin near, V, 48.
- Barley, soil adapted to, XVII, 31, 111; cultivated, V, 260, 312, VI, 375, 379, 388, X, 296, XXII, 183, XXIX, 40, 87, 246, 250, XXX, 189; quality, X, 353; production per acre, XI, 141, XVII, 106; amount produced, V, 315; abundant, XXIX, 22; scarce, X, 202, 354; as malt, XI, 113; prices, X, 74.
- Barlow, Joel, in Georgetown (D. C.), XI, 136; in Paris, III, 185; *Advice to Privileged Orders*, XI, 136; *Columbiad*, IX, 59, XI, 136; *Vision of Columbus*, 136; sketch, 136.
- Barlow, Mary S., *Barlow Road*, XXX, 121.
- Barlow, Samuel Kimborough, expedition to Oregon, XXX, 14, 120.
- Barlow, William, explorations on Cascade Mountains, XXX, 128-136, 141; expedition for horses, 148, 149; overtaken by Palmer, 126; reminiscences, 129.
- Barnacles, casks covered with, XII, 155.
- Barnard, Peter, with Long, XVII, 98.
- Barnatt, J. A., *Poncas*, XXVIII, 147.
- Barnet, —, in Cowes (Eng.), XI, 37.
- Barney, Commodore Joshua, XI, 143.
- Barnsfer, Capt. —, British naval officer, II, 70.
- Barometer, as equipment, XVII, 102.
- "Baronge," plantation on Mississippi River, VIII, 326.
- Barrabino, —, in New Orleans, XXII, 187.
- Barral, Mother Madeline, founds Society of Sacred Heart, XXVI, 279.
- Barre, Col. Isaac, town named for, XXII, 111.

- Barrell, —, relations with Oregon expedition, XXI, 23.
- Barrels, material, III, 239; size, 239; cost, 239; freightage, 239.
- Barren Oaks (Ky.), A. Michaux in, III, 64.
- Barrens (Ill.), described, X, 260, XXVI, 212.
- Barrens (Ind.), described, IX, 280, 281.
- Barrens (Ky.), caverns in, III, 220; character of soil, 221, 229; grape culture, 218; settlements, 250; F. A. Michaux in, 215-222; population, 220; described by Flint, IX, 284.
- Barrens (Mo.), De la Croix in, XXVII, 202.
- Barrens (Tenn.), A. Michaux in, III, 92.
- Barrett, Jay Amos, *Evolution of Ordinance of 1787*, XXVII, 51.
- Barrionuevo, —, discovers Indian pueblo, XVIII, 73.
- Barron, Commodore James, duel with Decatur, XII, 64, 326.
- Barrow, David, founds Whitehall (Ill.), XXVI, 301.
- Barrow, William, in New Feliciana, IV, 336.
- Bartholomew, Ambrose, on Arkansas River, XIII, 140, 141.
- Bartleson, —, leads colony, XXVII, 236, 237; route to California, XXVIII, 113.
- Bartlett, John, describes Casa Grande, XX, 68; *Personal Narrative*, XVIII, 87.
- Bartolomé, —, French hunter, XIII, 289.
- Barton, Dr. Benjamin Smith, Philadelphia scientist, V, 10, 38, 39, XIII, 11, 14, 45; on Cumberland River, III, 97; interest in Indian history, XXII, 70; describes Indian mounds, 149, 150; zoological specimen, XIV, 250; *Medical and Physical Journal*, 69, 247, 248, XV, 168; *New Views on Origin of the Tribes of America*, XXII, 149; *Observations on Some Parts of Natural History*, 149; sketch, 149.
- Barton, Joshua, fights duel, XXVI, 115, 272.
- Barton County (Kans.), Cow Creek in, XVI, 237; Great Bend of Arkansas, 225; Walnut Creek, 229; Santa Fé trail, XIX, 209.
- Bartonia*, XVI, 57; scarcity of, 156; night flowering, 126; *nuda*, described, V, 318, XV, 276; *ornata*, V, 318, XV, 276, XXII, 385, XXIII, 82.
- Bartram, John, naturalist, III, 97, 131; befriends Wilson, IX, 56; *Observations*, I, 60.
- Bartram, William, naturalist, III, 97, 131, XIII, 202, 225, XV, 137, XVI, 128; Indian authority, XIII, 340, 347; sketch, III, 97, XIII, 202.
- Bartsia coccinea*, observed by Baldwin, XIV, 111.
- Barytes, abundant, V, 248, 249.
- Basalt, cliffs of, XX, 156, XXIX, 15; dykes, XXI, 202, 203; abundant, 346; decomposed, XXIX, 86; observed by Farnham, XXVIII, 282, 312, 348, 350, 352, 355; Maximilian, XXII, 76; Palmer, XXX, 83, 93, 118, 162, 165, 199; Townsend, XXI, 200, 246, 269, 283; Wilkes, XXIX, 82.
- Bascus, Louis. See Vasques, Louis.
- Basile, Joseph, half-breed hunter, XXIII, 192.
- Basset, William, in Big Prairie (Ark.), IV, 297; in Natchez, 298.
- Bassett Town, now Washington (Pa.), III, 347.
- Bass-wood, in Illinois, XIX, 61; in Ohio, 77; *tilia americana*, III, 29, 66; *glabra*, XIV, 156; *heterophylla*, XIII, 56; in New York, VIII, 181.

- Bastrop, Baron de, land grant to, XIII, 107.
- Batavia (N. Y.), in War of 1812-15, VIII, 182; Buttrick in, 42, 48, 50; Evans, 129; sketch, 42.
- Batch, —, abandons Wyeth, XXI, 68.
- Batesville (Ark.), county seat, XVII, 25; roads, 28.
- Bath (N. Y.), salt springs in, XVII, 251.
- Bath County (Ky.), springs in, IV, 212.
- Bath County (N. Y.), Henry Spalding in, XXI, 352.
- Baton Rouge (La.), location, IV, 340, 341; origin of name, 340; capital West Florida, 336, 338; climate, 353; bluffs, 351; trees, XVII, 81; settlements, XIII, 311; churches, VIII, 329; in Revolutionary War, IV, 323, 340; Brackenridge in, VI, 10; Cuming, IV, 8, 339, 341; Don Carlos de Grandpré, 343; population, 340; Sir William Dunbar, XIII, 283; described by Bullock, XIX, 130; Evans, VIII, 329; Nuttall, XIII, 308; sketch, IV, 340-343, VIII, 329.
- Bats, habitat, VIII, 242; numerous, XXIII, 37, 172, 179, XXIV, 102, 160, XXVI, 78; yellow, XXII, 95; *vespertilis caroliniana*, XIV, 250, XV, 317, XVI, 61; *emarginatus*, 61; *novaboracensis*, XIV, 250, XV, 317, XVI, 60, 61; *pruinus*, XIV, 250.
- Batschia canescens*, observed by Bradbury, V, 317; *gmelina*, 317; *longiflora*, 317, XXII, 283.
- "Battery" (N. Y.) promenade, VI, 191, 192; fort demolished, 192.
- Battle Ground (N. Mex.), origin of name, XIX, 231; Gregg's caravan on, 231.
- Battlemulemauch (Meatwho) Indians, Okinagan tribe, VII, 275, 276.
- Baudin, Capt. Nicolas, circumnavigates world, XXII, 164.
- Bauman, —, in Chillicothe (Ohio), XXIV, 149.
- Bäumler (Bimeler), Joseph, character, XXIV, 155; leader of Wurtemberg Separatists, 155.
- Bauvais, St. James, corresponds with A. Michaux, III, 89.
- Bavispe (Barbisca), sketch, XVIII, 147.
- Bayard, Col. Stephen, in Maryland, III, 162; founds Bayardstown, IV, 96, IX, 87; sketch, 87.
- Bayardstown (Pa.), fighting in, IX, 87.
- Baylor, —, in Kentucky, IV, 179.
- BAYOUS: described, XVI, 287, 288; natural, XIX, 122.
- D'Arbonne, described, XVII, 60.
- Atchafalaya (Chafalia, Chiffalie), location, V, 238, 239, VIII, 329.
- Big Skin. See Skin, below.
- Chafalia (Chiffalie). See Atchafalaya, above.
- Corney, formerly Derbane River, XVII, 60.
- Datche, Sparks's expedition on, XVII, 69.
- De la Fourche, location, V, 238, VIII, 329; Indians on, XIII, 312.
- Frog, location, XIII, 282; boundary, 236, 281.
- Greenleaf, Bell's party on, XVI, 285.
- Loutre (Otter), originally Saluder River, XVII, 60.
- Manchac, location, V, 238, VIII, 329; Natchez Indians on, XIII, 343.
- Meat. See Viande, below.
- Menard, described, XVI, 285.



## BAYOUS (continued)—

Morrison's, Nuttall on, XIII, 130.

Otter. See Loutre, above.

Pierre, location, IV, 309, XIII, 300; compared with Mississippi, IV, 310; overflows, 349; settlement on, XVII, 66; Bruin, IV, 311; Campbell, 304; Cuming, 8, 309, 348; John Cummins, 350; sketch, XIII, 300.

Plaquemine, location, V, 238, VIII, 329; Indians on, XIII, 179, 312, 343.

Plum, sketch, XIII, 136.

Rocky, Cherokee settlements, XVII, 11, 16, 18.

St. Catherine's, Cuming on, IV, 8.

St. Jean, Cuming on, IV, 281.

St. John, connection with Mississippi, XIII, 314.

Salade. See South Park, below.

Salaion (Salted Meat), Bell on, XVI, 288; Cherokee, 289.

Sara (Sarah), settlements on, IV, 337, 343, VIII, 328; Bradford, IV, 359; Cuming, 335; Nuttall, XIII, 307, 308.

De She, location, VIII, 315.

Short Mountain, XVII, 16.

Skin (Big Skin), geological composition, XIII, 229; quality of soil, XVI, 191; settlements, 289; Nuttall, XIII, 228; described, XVI, 191.

Tunica, location, V, 238.

White Oak, silver-mine on, XIII, 150.

White River Cut-Off, XIII, 96; Nuttall on, 99.

Viande (Meat, now Vine Creek), Bell on, XVI, 287, 290.

## BAYS —

Alsea, tributaries, XXX, 176.

Apalache, De Soto on, XIII, 175.

Atchafalaya, location, XVII, 60.

Baffin's, climate, VIII, 160, 161.

Baker's, how formed, XXX, 200; channel, VI, 302; Indians on, 256, 315; "Beaver" in, 273, 274; "May Dacre," XXI, 309; "Raccoon," VI, 298, 301; "Tonquin," 233, 250, VII, 82; Farnham on, XXIX, 70, 71; described, XXI, 313; sketch, VI, 234.

Baltimore, viewed by Woods, X, 189.

Batchewana, Franchère on, VI, 393.

Birch, population, XXIX, 98.

Bodega, Drake in, VI, 257; Pattie, XVIII, 16; explored by Russians, 283.

Boston, viewed from Bunker's Hill, XXII, 47; "Decatur" in, VIII, 41.

Botany, convicts in, VI, 221.

Camosun, Bolduc on, XXIX, 149.

Cape Cod, Maximilian on, XXII, 39.

Cascade, Mackenzie on, VI, 187.

- Chadwick's, harbor, XXIV, 161.
- Chequamegon, Chippewa on, XXVIII, 156; fort on, XXVII, 43.
- Chesapeake, width, X, 185; prairies on, XXVI, 234; navigation, V, 299; as a boundary, IX, 182; lighthouse, X, 185; Franchtown, XI, 111; Cape Henry, X, 184; immigrants, IX, 115; "Resolution," X, 182; Astor, VI, 188; described by Woods, X, 186; Fristoe, IV, 172; Howe, 29; Welby, XII, 291, 325, 326.
- Clatsop, as a boundary, XXIX, 69.
- Coos, tributaries, XXIX, 49.
- Dean, Mackenzie on, VI, 187.
- Deception, named by Mears, VI, 233.
- Delaware, "Guyoso" on, IV, 377; "General Wade Hampton," XI, 106; Faux, XII, 68; Welby, 335, 340.
- Drake's, location, XVIII, 283.
- Georgian, outlet of Lake Nipissing, II, 34, 76.
- Gray's, origin of name, VII, 116; location, VI, 186, 256; distance from Cape Disappointment, VII, 117; as a boundary, XXX, 200; Chinook on, VI, 240; Astorians, VII, 116; Franchère, VI, 265; Lewis and Clark, XXIX, 117; described by Palmer, XXX, 203.
- Green (Le Baie des Puants), French name, II, 186, 190; location, VIII, 232, IX, 317; outlet of Fox River, XVII, 110; portage to Fox, VII, 178; Cape Townsend on, VIII, 232, 233; Indians, II, 183, 186; Oneida, XXIV, 182, 183; exiles, IX, 317; La Salle's expedition, XXVII, 37; fort, XXVI, 137, 138; trading-post, 138; Astorians, VII, 178; Long, II, 186, 187, 190; described by Evans, VIII, 232.
- Haley's, named by Lewis and Clark, VI, 234.
- Honduras, XI, 41.
- Hudson, II, 168; outlet Lake Winnipeg, VI, 378; watershed, 367; water-system, 385, XVII, 176, 239, XXIX, 216; countries adjoining, II, 134, 146; climate, VIII, 160, 161; as a boundary, II, 10, XV, 245, 264, XXVIII, 155, 156; route to, II, 132; Indians on, 28, 152, XIII, 322, 344; fur-trade country, II, 12, 15, 49, 51, 87, 191; trappers, XXIX, 18; trading factories, VI, 377, XXIX, 52; traders' stories, XXVIII, 172; A. Michaux on, III, 12, 16; described, XVII, 239.
- James, fort on, II, 163.
- Kailua (Kihola). See Tohehigh, below.
- Kalispel, De Smet on, XXIX, 178, 183, 185, 291; mission, 287.
- Karaka-koua (Kealakekua), "Tonquin" on, VI, 211, VII, 57, 68; described by Franchère, VI, 212; by Ross, VII, 57, 58.
- Massachusetts, described by Maximilian, XXII, 39, 40.
- Matagorda, Comanche on, XX, 348.
- Maumee, Cedar Point on, I, 112.
- Meriwether, Lewis and Clark on, VI, 259.
- Miami, distance from Fort Meigs, VIII, 207.
- Michipicoton, sketch, VI, 392.
- Mobile, Indians on, XIII, 343, 356.
- Montego, "Decatur" on, VIII, 39, 40.
- Narragansett, tributaries, XXII, 52.

## BAYOUS (continued)—

- Nass, Peter Ogden on, **XXI**, 314.
- Newity (New Whitty, Newcetu), "Tonquin" on, **VII**, 165.
- New York, "Venus" on, **XII**, 162, 163.
- Nipigon, Lake Superior, **II**, 81.
- Ohetity, sailing vessels on, **VI**, 286; "Tonquin" on, 215.
- Pend d'Oreille, De Smet on, **XXIX**, 173.
- Pilot, location, **XXIX**, 199.
- Port Egmont, "Tonquin" on, **VII**, 50.
- Puget Sound, Indians on, **XXVII**, 387, 390.
- Put-in-, caves in, **VIII**, 241; Evans on, 239; Perry, 240.
- Quinté (Kenty), **II**, 44, 49; Mohawk Indians on, **XXIV**, 186; Long visits, **II**, 214, 217, 218; loyalists on, 218.
- Raritan, quality of soil on, **IX**, 49.
- Saginaw, location, **VIII**, 229; size, 229; Saginaw Indians on, **I**, 160.
- St. Bernard, Karankawa Indians on, **XXVIII**, 149.
- St. Lawrence, as a boundary, **XVII**, 244.
- St. Louis, sketch, **VIII**, 340.
- Sandusky, location, **VIII**, 199; climate, **IX**, 311; outlet of Portage River, **VIII**, 202; of Sandusky, 199; as a boundary, **XII**, 213, **XXVIII**, 155; geese on, **VIII**, 195; Portland, 84, **IX**, 310; Buttrick, **VIII**, 78.
- Sandy, Astorians on, **VII**, 126.
- San Francisco, tributaries, **XXVIII**, 113; as a boundary, **XXIX**, 131, **XXX**, 195; overland route to, **XXVIII**, 112; English man-of-war on, **VI**, 390; Russian settlements on, **XVIII**, 283; Sutter, **XXX**, 229; Walker, 190; described by Pattie, **XVIII**, 284.
- San Pedro, sketch, **XVIII**, 277.
- Sir Francis Drake, Indians on, **VI**, 293; seal hunting on, 257.
- Skagit, Indians on, **XXIX**, 153.
- Spirito Santo, John Ortiz on, **XIII**, 331.
- Sturgeon's, canoe route, **VI**, 378.
- Swan's, now Cathlamet Bay, **XXX**, 203.
- Table, "Alnomak" on, **VIII**, 22.
- Tappan, sandstone on, **XVI**, 68, **XVII**, 252.
- Thunder, outlet Kaministiguia River, **VI**, 385; size, **VIII**, 230; storms, 230; Franchère on, **VI**, 391; sketch, 391.
- Tocaigh, Young on, **VII**, 59.
- Tohehigh (Kailua, Kihola), residence of governor of Sandwich Islands on, **VI**, 213.
- Whyteete, "Tonquin" on, **VII**, 60.
- Young's, how formed, **XXX**, 200; tributaries, 198; point, 199; storm on, **XXI**, 368; Franchère, **VI**, 259; Townsend, **XXI**, 362; described by Palmer, **XXX**, 198; sketch, **VI**, 259.
- Beach, Theophilus, abandons Wyeth, **XXI**, 72; return to St. Louis, 78.

Beach, Dr. William M., physician, XXVII, 96.

Beads, used by Indians, II, 85; as ornaments, IV, 285, 355, VI, 57, 58, 121, 131, 326, VII, 131, 281, VIII, 66, XIII, 125, 249, XIV, 196, XV, 72, 73, XVI, 116, 117, 220, 233, XVIII, 166, XX, 328, 330, 346, XXI, 70, 196, 246, 272, XXII, 224, 325, 359, 360, 371, 389, XXIII, 101, 103, 119, 163, 258, 259, 262-265, 328, 354, 357, XXIV, 47, XXVII, 166, XXVIII, 171, 315; exchanged for slaves, VI, 324; presents, II, 92, V, 157, VI, 245, 332, XX, 126; in medicine bag, XV, 80; as sacrifice, XVI, 24; article of trade, V, 87, 140, VI, 211, VII, 37, 161, XV, 192, 217, XVI, 24, 31, 207, XVII, 154, XX, 131, XXI, 32, 45, 57, 64, 137, 255, 261, XXIII, 100, XXVIII, 171, 172, 277, XXIX, 60; in Indian mound, XXIV, 148; white glass, 74, 75; blue, V, 164, XXI, 254, 350, XXII, 307; blue-and-white, XVI, 110, 204, XXIII, 103.

Beal, —, salt-spring proprietor, IV, 164.

Bean, —, salt-manufacturer, XVI, 286.

Bean, Maj. Jonathan L., Indian agent, XXII, 235; presents from Indians, XXIV, 98; rescues prisoners, XXII, 258; meets Maximilian, 311, XXIV, 98; with Ponca, XXII, 285, 286, 293, XXIV, 313; directs Sioux agency, 94; in Fort Lookout, XXII, 301, 303.

Beans, XVI, 217; in Indian legend, XXIX, 375; cultivated by Indians, V, 90, VI, 116, XIII, 328, XIV, 197, 289, XV, 152, XVII, 154, XVIII, 43; by whites, V, 157, 175, 260, 284, X, 204, 263, 299, 304, XXII, 226, XXIII, 274, 275, XXVIII, 85, 139, 190, XXIX, 131, 246; abundant, V, 284, X, 248, XIII, 330; scarce, XXIV, 76; as food, V, 133, 164, IX, 161, XIV, 190, XVIII, 264, XIX, 293, XXIII, 220, 276, 346, 370, 379, XXIV, 28, 50, 58, XXIX, 325; as supply, XIX, 190, XXVII, 247, XXX, 260; article of trade, XVIII, 131, 349; as medicine, III, 77; intoxicating, XIV, 78, XVI, 217; harvested, XXVIII, 260; value, XVI, 217; in cache, XV, 215; oil, XXVI, 199.

Bear Chief (Ninotch-Kiaiu), Blackfoot chief, XXIII, 125; loves brandy, 142.

Bear grass, used in weaving, XXVII, 255.

Bear Tooth, Arapaho chief, XVI, 208; relations with Americans, 208, 209; party, 215; protects refugees, 211; message to Indians, 209; influence, 210, XVII, 157.

Bearberry (*arbutus uva-ursi*, L.), habitat, VI, 321, XV, 294; as tobacco, XXII, 392, XXIII, 108, 204, 274.

Beard, James. See Baird.

Beard, Thomas, plats Beardstown (Ill.), XXVI, 126.

Beard's Town (Ark.), site, XIII, 128.

Beardstown (Ill.), Cumberland Road terminus, XXVI, 126, 320, 360; described by Flagg, 129.

Beardstown (Bardstown) (Ky.), Michaux in, III, 410.

Bearley, Richard, in St. Clair County (Ill.), XXVII, 112.

Bears, III, 90; habitat, I, 130, 132, 133, 140, 143, III, 63, 75, 82, 174, IV, 52, 175, 177, 353, V, 194, X, 287, XII, 21, XV, 294, XVI, 72, XVIII, 157, XIX, 282, XXI, 305, XXII, 104, 133, XXIII, 45, 109, 211, 246, XXVII, 131, 178, 183, 226, 269, XXVIII, 221, XXIX, 51, 207, 209, 214, XXX, 63, 106; Indian legend, XV, 117; black, XVI, 244; white, XVIII, 94, 141; Alpine, XVI, 45, 46, 218, 221; polar, VI, 323; four species, 323; grizzly, II, 78, 133, XV, 53, XVI, 45-51, XVIII, 159, 221, 304, XXI, 204, 205, 218, 221, XXIII, 261, 262; description and habits, III, 235, V, 59, 60, X, 252, 253, XI, 292, 297, XIII, 210, XVI, 98, 184, XVIII, 158, 173, XXI, 52, 204, 205, XXIII, 36, 45, 186, XXVII, 178, XXIX, 207; numerous, VI, 247, VIII, 52, 126, 186, IX, 116, X, 249, XII, 12, XIII, 72, XIV, 175, XV, 245, XVI, 151, 169, XVII, 145, XVIII, 64, 86-88, 111, 118, 160, 172, XXII, 102, 109, 135, 136, 167, 178, 258, 369, XXIII, 32, 185, 215, XXVII, 184,

## BEARS (continued)—

334, XXIX, 93, 229, 367, XXX, 65; scarce, IX, 121, XVIII, 136, XXII, 81, 104, 207, 240, XXIV, 120; caged or tame, XI, 200, XXI, 206, 207, XXII, 16, XXIII, 125, 167, 168, 180, XXIV, 88, 119, 122; attack buffaloes, XVIII, 141, 304; depredations, X, 284, 285, XI, 228, 229, 283, XII, 259, XVIII, 12, 61, 62, 159, 221, XXII, 294, XXIII, 47, 179; attack men, XVI, 157, 158, XVIII, 18, 27, 62, 63, 282, XXI, 87, XXVIII, 290-292, XXIX, 400; effect on Indians, VI, 121, VII, 305, XV, 114, XVIII, 156, XXI, 254, XXIII, 19, 148, 246, 330, 358, 393, XXVI, 75, 77; observed by De Smet, XXVII, 268, 269; Farnham, XXVIII, 221; Faux, XI, 203; Franklin, IV, 52, 53; Gregg, XIX, 325, XX, 275; Lewis and Clark, XVIII, 61; Long, XV, 317, XVII, 145; Maximilian, XXII, 204, XXIII, 44, 45, 172, 181, 182, 214; Nuttall, XIII, 195, 242; Palmer, XXX, 248; Pattie, XVIII, 61, 75, 87, 125, 156; Pike, XVI, 50; hunted, II, 76, 132, 133, 144, 150, 157, 175, 183, 186, 189, III, 290, V, 54, 59, VI, 48, 49, 56, 363, X, 288, XI, 200, 208, 228, 286, XIII, 208, 210, XIV, 166, XVI, 26, 101, XVIII, 93, 94, 157, 158, 281, 282, XIX, 320, XXI, 185, XXII, 102, 105, 115, 116, 204, 282, 369, XXIII, 31, 36, 41, 43, 45, 46, 48, 56, 62, 180, 184, 185, 346, XXVII, 170, 359, XXVIII, 241, 244, XXIX, 399, 400, XXX, 28, 233, 234; bear-traps, XXII, 101, 104, 192; as food, I, 106, III, 68, 69, 289, 290, V, 257, VIII, 230, XI, 225, 313, XVI, 135, 146, 150, 162, XVII, 56, XXI, 101, 225, 231, XXII, 106, XXIII, 109, 208, 246, 277, 347, XXVII, 400, XXVIII, 245, XXIX, 210; article of trade, XXII, 116; entrails as ornaments, XXIII, 19, 297; claws as ornaments, VII, 277, XVIII, 63, 166, XX, 330, XXI, 123, XXII, 360, 371, 389, XXIII, 100, 249, 261, 295, 368, 388, XXIV, 52, XXVII, 173, 198, XXIX, 394; grease, XIII, 259, XXVII, 172; skins, I, 304, III, 290, V, 80, 85, 178, VI, 112, VII, 282, VIII, 103, X, 249, 288, XI, 221, 286, 292, 304, XII, 301, XIII, 325, XV, 294, XVIII, 43, XXII, 46, 53, 102, 104, 225, XXIII, 12, 201, 271, 388, XXIV, 112, XXVI, 78, XXVIII, 262; in museums, IX, 44, XXII, 69, XXIII, 179, XXIV, 124, XXVIII, 290, 291.

Bear's-Wallow (Ky.), road, III, 220; Williamson in, 215; F. A. Michaux, 216.

Beattie, —, land proprietor, IV, 228.

Beattie, Dr. —, in Georgetown (D. C.), XI, 122.

Beatty, Charles, missionary, II, 13, 61, 187, 188.

Beauchamp, —, boatman, XXIII, 62, 167.

Beauchamp, Maj. R. P., Indian agent, XXII, 266.

Beauchamp, William M., *Iroquois Trail*, XIX, 149.

Beauharnais (Beauharnois), Charles de la Boische, marquis de, governor of Canada, II, 49.

Beaumont, —, in Charleston (S. C.), XI, 101, 102.

Beauport (Quebec), described, II, 34.

Beausoliel, —, merchant, XXVI, 149, 150.

Beautiful Hair (Matsokui), Blackfoot Indian, XXIII, 22; on "Assiniboin," XXII, 363; portrait, 367.

Beauvais, —, in Kaskaskia (Ill.), III, 69.

Beaver, Crow Indian, XXVII, 146.

Beaver, Rev. Herbert, in Fort Vancouver, XXIX, 118.

Beaver (Pa.), described, IV, 98; road, 95; early waterworks, 98; factories, V, 297; Cuming in, IV, 98, 99, 101; Flint, IX, 89; Harmonists, XXII, 140; Johnston, IV, 109; Lacock, 99, 100; sketch, I, 26.

"Beaver," Hunt on, VI, 285, 286, VII, 195; at Astoria, VI, 273, 274, 276, VII, 193, 233, 234,



238; on Columbia River, VI, 278; delayed, VII, 216; in New York, VI, 274; in Canton, 287, VII, 235; uneasiness regarding, VI, 279; wreck, XXIII, 36, 39, 40.

Beaver County (Pa.), beaver in, IV, 99; Economy, V, 314.

Beaver-eater. See Wolverine.

Beaver Hunter Indians, habitat, XXIX, 232.

Beaver Indians, affinity, XXIII, 90.

Beaver King, Delaware chief, I, 26, 80, 85, 194, 243, 267; in Kuskusking, 198, 199, 220, 225, 258, 269, 271, 273, 276; in Pittsburg, 283, 284; deputy, 288; Post's message to, 259; relations with English, 213, 221, 222, 274-276; sketch, 85.

Beaver Meadow (Pa.), location, XXII, 117; railroad, 90.

Beaverhead County (Mont.), chief town, XXVII, 250.

Beavers, III, 92; described, II, 76-78, XV, 236, 237; in Indian legend, XXIII, 309, 330, 331, XXVII, 261, XXIX, 377; habits, 214; dens, XVIII, 100, XXIII, 41, 43, 45, 185, 215, XXV, 17; dams, XV, 300, XXII, 294, XXIX, 247; depredations, XV, 242, XXIII, 215; sagacious, V, 125, XVIII, 167; abundant, V, 45, VI, 28, 67, 247, 266, 281, VII, 131, 150, 151, 159, 231, 265, XIII, 83, XIV, 93, XV, 307, XVI, 58, 213, XVIII, 130, 132, 181, XXI, 244, XXII, 167, 178, 251, 260, 334, 340, 368, 384, XXIV, 61, XXVII, 184, 243, XXVIII, 180, XXIX, 247, 253; scarce, XVIII, 89, 90, 95, 96, 140-142, 176; trapped, III, 193, V, 43, 78, VI, 28, 260, 343, VII, 176, 183, 215, 216, XIII, 265, 266, 272, XIV, 243, 266, 268, 289, 307, XV, 78, 220, XVII, 154, XVIII, 37, 48, 51, 63, 90, 91, 99, 102, 104, 107, 133, 138, 160, 193, 194, 197, 200, XX, 23, XXI, 28, 33, 57, XXII, 370, 380, XXIII, 100, 162, XXIV, 102, 234, XXVI, 281, XXVII, 169, XXVIII, 186, 190, 224, 240, XXIX, 27, 257, 406; extermination, IX, 121, XXII, 117, XXVIII, 236, XXIX, 55; as food, II, 189, V, 232, 234, VI, 270, VII, 180, 184, XIII, 273, XVI, 146, XVIII, 105, 132, 133, 187, 190, 205, 219, XX, 264, XXI, 244, 252, 285, XXIII, 133, 145, 277, XXVIII, 180, XXIX, 211; beaver skins, V, 74, VI, 278, XVIII, 71, 120, 201, XXIII, 124-126, 133, XXIV, 106; in fur-trade, II, 132, V, 80, 85, VI, 29, 235, 284, VII, 158, 188, 228, 229, VIII, 230, 231, XIV, 267, 269, 270, 273, 311, XVIII, 60, 68, 120, XXI, 193, 261, 285, 297, 326, XXII, 343, XXIII, 12, 19, 127, 153, 159, 160, 162, 229, 288, XXVIII, 171, 262, 307, 308, 323, XXIX, 27, 65; value, V, 130, VI, 237, VII, 109, 110, 199, 245, XXII, 380, XXIII, 145, 229, 250, 277, XXIV, 16, 19, 92, 115, XXVII, 261, XXVIII, 174; teeth in a game, VII, 107; in Illinois, II, 38, III, 63, 82, 323, X, 288, 290, XVI, 175, XVII, 146, XVIII, 52, 87, XXI, 268, XXII, 380, XXIII, 249, XXVII, 39, 260, XXVIII, 221, XXIX, 51, 166, 209; observed by Long, XV, 317; Palmer, XXX, 75.

Beavertown (Pa.), Croghan in, I, 124; Nuttall, XIII, 48.

Becera, Diego, Spanish explorer, XXVIII, 30.

Beck, —, schoolmistress, IV, 184, 185.

Beck, Dr. L. C., mineral collection, XVII, 132.

Becker, David, in North Carolina, III, 99, 104.

Becker, S. C., *Early Buffalo*, XXIV, 162.

Beckett, Henry, purchases "Point Breeze," XXII, 66.

Becknell, Capt. William, expedition to Santa Fé, XIX, 177-180, 337; visits Colorado River, XXI, 60; journal, XIX, 180; sketch, 178.

Bed-bugs, troublesome, X, 36, 93, XII, 207, 214, 221, XXI, 130.

Bedford, Nathaniel, Pittsburg physician, IV, 87.

Bedford (Pa.), site, XIII, 39; described, IV, 64-67, XIII, 40; history, I, 241, IV, 60; road, I, 22

## BEDFORD (continued)—

- III, 146, 147, 262, 319, 328, 369, IV, 60, IX, 64, XII, 178; religion, IV, 68; waterworks, 65; medicinal springs, 65-67; thermometrical observations, III, 374; record office, 325; *Gazette*, IV, 67; Cuming in, 61, 63; Faux, XII, 21; Flint, IX, 75; Harris, III, 325, 371, 372; A. Michaux, 28; F. A. Michaux, 142, 143, 145; Nuttall, XIII, 41; Welby, XI, 15; population, III, 145, IV, 65; sketch, III, 145, 325, IX, 64.
- Bedford County (Pa.), seat, III, 325; Providence township, 324; Doddridge in, IV, 110; Everett, XII, 192.
- Bedstraw (*galium tinctorium* and *boreale*), as dye, XXIII, 13.
- Beech (trees), III, 176; habitat, 147, 181, 209, 214, IV, 141, VIII, 181, XIV, 56, 63, XIX, 61, 71; size, XII, 208, XV, 177, XXVII, 339, 340; foliage, XXIV, 132; forests, XIII, 56; fuel, XXII, 167; nuts as fodder, IX, 234, XI, 236; indicate quality of soil, X, 205; abundant, 232, XIII, 54, XVII, 116, XXIV, 140, 147, 153, 169, 178, 179; value, XVII, 116; injured by frost, XXIV 135; *jagus sylvatica*, III, 229; *ostrea virginica*, XV, 177; water, XXII, 93; observed by Flint, IX, 121, 302; Maximilian, XXII, 69, 73, 104, 110, 118, 135, 136, 148, 152, 153, 159; Nuttall, XIII, 57; Woods, X, 227.
- Beecher, Rev. Edward, college president, XXVI, 304.
- Beecher, Henry Ward, brother of foregoing, XXVI, 304.
- Beef, quality, VIII, 341, IX, 30, XI, 107, 164, 183, 219, 249, 258, XII, 320, XIX, 139, XXI, 126, 299, XXII, 185, XXX, 298; as food, VIII, 75, IX, 161, X, 124, 199, 337, 356, XI, 73, 203, XII, 16, 276, XVIII, 115, XXI, 125, XXVIII, 181, XXIX, 66, 211; dried, XII, 249; jerked, XIII, 224, 231; article of trade, IV, 352, VIII, 81, 269, XII, 111, 157, XVIII, 350, XXIX, 94, 169, XXX, 129, 295; prices, V, 288, VIII, 341, IX, 126, 139, X, 39, 68, 69, 74, 108, 246, 254, 281, 355, XI, 180, 190, 193, 213, 256, 290, XII, 14, 15, 17, XIII, 51, 77, 112, 317, XIX, 68, 136, XXX, 219, 263; duty, XVIII, 353, 354.
- Beelen, Anthony, merchant, IV, 79, 241, 252.
- Beer, IV, 188; manufacture, X, 53, 57, 341, 354; quality, 355, XII, 260; as food, X, 183; price, XII, 22; scarce, X, 337; spruce, 219; American compared with English, XI, 116; in Pennsylvania, IV, 234.
- Beers, Alanson, blacksmith, in Willamette mission, XXIX, 21; mill owner, XXX, 159; Oregon merchant, 179; founds settlement, 178.
- Bees, "bumble-" described by Gregg, XIX, 328; honey-, introduced by Europeans, V, 58, XXII, 171, XXIV, 110; rapid distribution, V, 58, XX, 283, XXIV, 110; habitat, XII, 13, XIX, 328, XX, 283; wild, VIII, 181; domesticated, XVII, 13; scarce, XXX, 219; abundant, VIII, 349, X, 349, XIII, 268, XIV, 216, XVI, 168, XXI, 49, XXII, 171; food, XVI, 169; wax, XXX, 197; hunted, X, 350; bears feed on, XIII, 210; indicate white settlements, XVI, 160, XX, 283; Indian superstition concerning, V, 58; in Charleston (S. C.), XI, 95; on Vermillion River, VIII, 193; observed by Long, XIV, 181, XVI, 162, 185; Nuttall, XIII, 196.
- Beeson, Harry, Uniontown (Pa.) blacksmith, III, 364.
- Beesontown (Pa.), founded, III, 364.
- Beetles, observed by Bradbury, V, 120.
- Beets, Charleston (S. C.) market, III, 122; as food, XII, 201, XXIX, 66, 325.
- Behring. See Bering.
- Bejar (Bexar), San Antonio de, town named for, XX, 255.
- Bélanger, André, drowned, VI, 362.

- Belcher, Sir Edward, surveys on Columbia River, XXIX, 131.
- Belcourt, George A. de, missionary among Chippewa, XXIX, 240; exposes Indian jugglers, XXVII 188.
- Belknap, Dr. Jeremy, *New Hampshire*. III, 341.
- Bell, —, quoted, XXVI, 230.
- Bell, —, in Portland (Oregon), XXX, 223.
- Bell, Andrew, founds system of education, XIV, 66.
- Bell, Charles H., *Bench and Bar of New Hampshire*, VIII, 12.
- Bell, Charles N., *Historical Names and Places of Canadian Northwest*, VI, 382.
- Bell, George, on "Tonquin," VI, 195.
- Bell, Capt. J. R., with Long, XIV, 13, XV, 198, XVI, 58, 192; duties, XV, 189, 255; personnel of party, XVI, 32, 58, 192; supplies and equipment, 32, 58, 200, 202, 203, 210, 213, 224, 225, 230, 235, 237, 240, 241, 243, 244, 247, 249-252, 254-261, 264-266, 268, 284, 286, 288; boats, IV, 291; dogs, XVI, 58, 238, 239, 248; course, 225, 228, 243, 251, 254, 259, 262; encampments, 195, 214, 222, 224, 229-231, 237, 244-248, 250, 252, 254, 256, 257, 261, 282, 285, 288; adventures, 186; storms, 195, 202, 210, 213, 222, 231, 239, 247, 249, 251, 252, 286, 288, 289; hardships, 259, 266, 288; accidents, 240, 249; deserters from, 100, 101, 158, 262, 263, 269, 271; losses, XIV, 17, XVI, 263, 264, XVII, 101; guide bewildered, XVI, 284, 285; absence from Long, 36, 291; anxiety, XV, 276; buys horse, XVI, 56; maps, 255, 256; hunting, 222-224, 230, 231, 243, 247, 249, 250, 253-256, 261, 265; relations with Indians, 195-200, 202, 203, 209, 210, 214-221, 225, 232-236, 265-271, 273; discovers mineral springs, XVII, 150; botanical, XVI, 252, 284, 286; geological, 33, 34, 244, 246, 286; meteorological, 214, 218, 231, 238, 240, 241, 243, 252, 254, 265, 267, 285; thermometrical, 223, 225, 229-232, 238-240, 245, 248, 250, 252, 254, 256, 259, 260, 262, 265, 271, 284, 285, 288, 289, 291; topographical, 32, 289, 290; zoölogical, 252, 254, 283, 284, 286; party criticized, XIV, 23; visits Clermont, XVI, 271; Bell's brigade on Ash Creek, 228; Arkansas River, 15-17, 32-35, 99, 100; Bayou Menard, 285; Bayou Viande, 287; Bell's springs, 34; Bell's Point, XVII, 100, 101; Bitter Apple Creek, XVI, 253; Boyer Creek, XV, 188; Cañon City, XVI, 34; Cape Girardeau, XVII, 11; Charleston (S. C.), XI, 71; Chisholm Creek, XVI, 240; Cimarron River, 251; Demun's Creek, 227; Fort Smith, XIV, 16, XVI, 185, 186; Grand River, 284; Great Bend of Arkansas, 225; Greenleaf Bayou, 285; Little Arkansas, 239; Little Neosho, 245; Salaison Creek, 288; Saline Creek, 258; Verdigris River, 281; Washington (D. C.), XIV, 17, XVII, 88; illness, 85; journal, XV, 191, XVII, 97, 181.
- Bell, W., deserts Wyeth, XXI, 49, 81.
- Bellaire (Ohio), location, XIII, 52.
- Bellcare, John, in Georgetown (D. C.), XI, 122.
- Belleau, Antoine, on "Tonquin," VI, 195; deserts Astoria, 261.
- Belleau, Jean Baptiste, on "Tonquin," VI, 195; deserts Astoria, 261.
- Bellefontaine (Ill.), Americans in, III, 17, 71; Indian atrocities, XXVII, 104; sketch, 104, 105.
- Belle Fontaine (Mo.), topography, XVIII, 122; fossil, XXVI, 261; flowers, XIV, 124; sparrows, 214; cantonment, XXVI, 260; Flagg in, 12; Long, XIV, 122; Martin, 175; Maximilian, XXII, 238; population, III, 71; sketch, XIV, 122.
- "Belle Fontaine," lead mine, V, 249, 251; Col. Smith, proprietor, 253.
- Bellehumeur, Simon, Mandan interpreter, XXIV, 11; father, 12; hunting, 36; gives feast, 62; in Fort Clark, 81; sketch 12.

- Belle Point (Ark.), as a boundary, XVII, 122, 127; unhealthful, 85; sandstone, XVI, 189; Mount Cerne, XVII, 12; rise of Arkansas River, XVI, 291; distance to Little Rock, XVII, 83; astronomical observations, 11, 261, 262; Ballard in, 14; Bell's party, XVI, 254, 255, 260, 264, 267, 269, 285, 290, XVII, 100; Glenn, XVI, 282; Long, XV, 190, XVII, 101, 217, 256; United States troops, XVI, 283, XVII, 21. See also Forts: Smith.
- Bellepoint (Mo.), fort in, XX, 100.
- Bellerive, Capt. Louis. See St. Ange.
- Bellestre (Belestre). See Picoté.
- Belle View (Mo.), topography, XVII, 122; population, 126.
- Belleville (Ill.), county seat, XIX, 60; road, XXVI, 253; Flagg in, 12, 254, 255; sketch, 254.
- Belleville (N. J.), described, XII, 167, 168.
- Belleville (Va.), on Ohio River, IV, 131.
- Belleville (W. Va.), A. Michaux in, III, 34; Woods, X, 225.
- Bellevue (Nebr.), sketch, XXII, 267.
- Belli, Maj. John, in Alexandria (W. Va.), IV, 162, 163.
- Bells, IX, 161, 162; in salutation, XI, 109; as signal, XXII, 161; as ornament, XIV, 274, XVI, 204, XXI, 196, 272, XXII, 274, XXIII, 122, 163, 389, XXIV, 28, 52, XXVII, 173, XXIX, 391; article of trade, XV, 292, XXI, 137, 254; as presents, XXVII, 142, 146; church, XI, 249, XVIII, 77, 146, 233, 256, XX, 45, 47, 188, XXI, 131, XXII, 54, 140, XXVI, 166, 243, 261, XXVII, 63, 66, 383; cattle, XXII, 121, 194, XXIV, 178; dog, 53; horse, XIII, 226; sleigh, XII, 301; steamboat, XXIV, 131; tavern, IX, 129; in Fort Benton, XXIX, 362.
- Belmont County (Ohio), creek in, I, 129; capital, IV, 232.
- Belpré (Ohio), population, III, 181, XIII, 54; settlement, III, 181, IV, 127; on Ohio River, 131; thermometrical observations, III, 377-379; Harris in, 357; Maximilian, XXII, 150; André Michaux, III, 34; sketch, IV, 127.
- Belsham, Thomas, *Calm Inquiry*, X, 158.
- Bencooban, trading post, VIII, 30.
- Beneduci, Chevalier Lorenzo Boturini, *Idea de una nueva historia general de la America septentrional*, XXIV, 200, 201.
- Benezet, Anthony, Quaker, XIX, 38.
- Bengal *Annual*, XXVI, 122.
- Benicia (Cal.), land speculator in, XXX, 223.
- Benito, —, fur-trader, VI, 66.
- Bennet, —, English philanthropist, IX, 202.
- Bennet, —, tavern-keeper, IV, 39, 41.
- Bennett, Capt. —, in Côte-sans-Dessein, XXII, 242; entertains Maximilian, 98; commands "Yellowstone," 261.
- Bennettsville (Ind.), "Haystack Knobs" in, XII, 12.
- Bennington (Vt.), situation, VIII, 116; stage road, 110; drivers, 124; battle, 116; loans in, 115, 116; population, 116.
- Benoist, Louis C., banker, VI, 88.
- Benoit (Benoist), François M., fur-trader, VI, 88, 89.
- Bent, Col. Charles, trader, XIX, 220, XXVIII, 71.

- Bent, George, fur-trader, XXVIII, 71.
- Bent, John, in St. Louis, XXVIII, 71.
- Bent, Robert, fur-trader, XXVIII, 71.
- Bent, Silas, fur-trader, XXVIII, 71; in upper Louisiana, XIX, 221.
- Bent, Col. William W., fur-trader, XX, 138, XXVIII, 71.
- Bent & St. Vrain, fur-traders, XV, 275.
- Bent Brothers, fur-traders, XXVIII, 71, 107, 171, 173; trading-post, 107; hunting grounds, 105; losses, 71, 74, 89, 166; relations with Indians, 164, 170.
- Bent Cañon (Colo.), Chaquaqua Creek near, XVI, 69.
- Bent County (Colo.), Purgatory Creek in, XVI, 74.
- Bentham, Sir Samuel, commands English squadron, VI, 407.
- Bentley, —, English emigrant, XI, 270.
- Bentley, Shesbazzar, founds Bentleyville (Pa.), X, 216.
- Bentleyville (Pa.), described by Woods, X, 216.
- Benton, Col. Thomas, account of Francis Burton, XXVI, 95.
- Benton, Thomas Hart, senator, VI, 173, XIV, 151, XIX, 182; fights duel, XXVI, 115, 272; speech on Oregon, VI, 15; *Thirty Years' View*, XIX, 182.
- Benton County (Oregon), river in, XXX, 177.
- Bentonville (Ohio), William Leedom in, IV, 203.
- Beracha-Iruckcha (broken pot), strength of, XXIV, 43.
- Bergamot (balm), scented, X, 303; abundant, XXVI, 183, 286.
- Bergen Neck (N. J.), in Revolution, XII, 67, 68.
- Berger, —, Indian interpreter, XXI, 45, XXIII, 22, 23, 90, 91, 122, 128, 146, 157, XXIV, 217; prepares Indian corpse, XXIII, 141; follows Assiniboin, 152; relations with Blackfeet, 135, 141; sketch, 23.
- Bering, Vitus, Russian explorer, VI, 258; discovers Mount St. Elias, XXIX, 32.
- Berkely, —, discovers Straits of Juan de Fuca, XXVIII, 38; quoted, XXVI, 276.
- Berks County (Pa.), Weiser in, I, 17, 19, 21.
- Berkshire County (Mass.), clay-slate in, XVII, 248.
- Berland, Edward, among Flatbows, XXIX, 199; instructs Indians, 204.
- Berlin (N. Y.), Williams in, XI, 282.
- Berlin (Pa.), Maximilian in, XXII, 126.
- Bermuda, trade centre, XI, 132.
- Bernadotte, Gen. Jean Baptiste Julius, relations with United States, XXI, 22.
- Bernalillo County (N. Mex.), pueblo in, XIX, 264; mountains, 303.
- Bernard, —, deserts Bell, XVI, 263, 264.
- Bernard, François Marie, Trappist monk, XXVI, 194.
- Bernhard, Carl, duke of Saxe-Weimar-Eisenach, in Cambridge (Mass.), XXI, 71.
- Berock Itainu. See Bull's Neck.
- Berock-Ochata Indians, badge, XXIV, 15.
- Berries, as food, VII, 149, 297, XVIII, 165, XXIII, 136.



- Berry, James, in St. Louis, V, 256.
- Berry Head, "Resolution" on, X, 181.
- Berthold, Bartholomew, partner of Chouteau, XXII, 235; fort named for, XXIX, 233.
- Berthold Indian Reservation, fort on, XXIX, 233.
- Berthoud, James, in Shippingsport (Ky.), IV, 260, X, 43, 44.
- Berton (Mo.), population, XVII, 126.
- Berwick (Pa.), location, XXII, 116.
- Bethlehem (Ky.), population, XIII, 64.
- Bethlehem (Ohio), Maximilian in, XXIV, 156.
- Bethlehem (Pa.), location, XXII, 127, 130; dams near, 134; roads, 85, 86, 92, 126; stage, 99; deer, 81; bull frogs, 102; Indians, 186; storm in, 130; cholera, 84; prices, 109; view near, XXV, 34; Moravians, I, 177, 178, XXII, 13, 72, 77, XXV, 3; Bodmer in, XXII, 114; Harris, III, 370; Maximilian, XXII, 77-79, 81, 82, 85, 87, 90, 127, 128; Moser, 100; Post, I, 185, 234; Saynisch, XXII, 76, 144; sketch, I, 185, XXII, 77.
- Bethune, Angus, North West employee, VI, 294, 295.
- Betula*. See Birches.
- Bever, John, mill owner, IV, 101.
- Beverwyck (N. Y.), early name for Albany, VIII, 118.
- Bewley, —, wife of Five Crows, XXX, 111.
- Bexar, San Antonio de. See Bejar.
- Bexar (Tex.), mountains near, XX, 255.
- Bexerano, Antonio de Alcedo y, *Dictionary*, XVIII, 375.
- Beymer, —, tavern-keeper, IV, 228, 230, 231.
- Beymerstown (Ohio), described, IV, 231.
- Biainville. See Bienville.
- Bibaud, Michel (*père*), Canadian editor, VI, 15, 16.
- Bible, V, 209; English quarto, XI, 60; as a charm, XXVII, 87; in Indian languages, XIV, 25, XXIV, 163; comparison with Indian traditions, XXIII, 300; read by emigrants, XXX, 53; in Cincinnati, IX, 241; used by Cobbett, X, 169; Harmonists, XI, 250; Mormonism founded on, XXIV, 120; Paine's attitude, X, 158; carried by Ross, VII, 155; apostles' creed, XXVII, 143, 364, 395; apocrypha, IX, 153; ten commandments, XXVII, 143, 364, 395; quoted, XIX, 73, XXVI, 199.
- Biburium*, two species, XVI, 66.
- Bidda Chohki (scalped man; La Chevelure levée), in Fort Clark, XXIV, 57; portrait, 58.
- Biddle, —, Missouri pioneer, IV, 283.
- Biddle, —, ferryman, IV, 118.
- Biddle, Maj. John, with Long's expedition, XIV, 39, 41, 172, 189; journalist, 11; replaced by Bell, 13; at Fort George, VI, 241; expedition to Fort Osage, XIV, 157; illness, 164, 165; Oregon transferred to, XXVIII, 38.
- Biddle, Nicholas, *Lewis and Clark Expedition*, V, 13, VI, 54, 164, XIV, 218, XXI, 16, 23, 24, 100, XXVIII, 111.
- Biddle, Owen, carpenter, IV, 26; *Young Carpenter's Assistant*, 27.
- Biddle Thomas, duel fought by, XXVI, 115, 272.

*Bidens*, habitat, XV, 177.

Bidwell, John, with De Smet, XXVII, 236; organizes caravan, 191; cyclone, 222; expedition massacred, 279; route to California, XXVIII, 113; books cited, XVIII, 305, XXVI, 17, XXVII, 219, 243, 278, XXVIII, 28.

Biedma, —, with De Soto, XIII, 118.

Bienville, Jean Baptiste le Moyne, Sieur de, governor of Louisiana, IV, 292, VIII, 350, XIII, 248; settles New Orleans, 314; expedition against Chickasaw, 358-362; avenges St. Cosme, III, 80; in Point Coupée, IV, 359; fortifies Balize Pass, VIII, 356; erects fort, XVII, 65; explores Red River, 66.

Big Belly Indians, smallpox among, XXII, 34, 35; population, 35. See also Gros Ventres.

Big Bend (Missouri River), described by Maximilian, XXII, 312, 313; by Clark, 313; plants on, V, 318, 319; hunting, XXIV, 93. See also Rivers: Missouri.

Big Bone Lick, fossil at, XXII, 156; Croghan, I, 135; A. Michaux, III, 37; notes, I, 135, VIII, 270.

Big Crossing (Pa.), location, X, 211, 212.

Big Eagle. See Tabbaquena.

Big Elk (Arrecattawaho, Ongpa, Ongpa Tanga, Ongpatonga, Ongpatungah, Opan-tanga), Omaha chief, V, 90, 190, VI, 84, 150, XIV, 262, 291, 292, 298, XV, 15, 16, 115, XXII, 277, 278, XXIV, 316; anecdote, XV, 37; calumet dance before Pawnee, 125; meet Long, XIV, 280, 281; in Cabanne's post, XXIV, 106; makes present, VI, 84; speech to O'Fallon, XIV, 258-261; to Say, 281, 282; delivers funeral oration, V, 222, 223; sketch, 90.

Big Eyes, Omaha chief, XIV, 262; meets Long, 280, 281.

Big-Face (Paul), Flathead chief, entertains De Smet, XXVII, 166; baptized, 293; succeeded by Victor, 355; sketch, 292, 293.

Big Hominy, an Indian, I, 32.

Big Horse (Shongatonga), Oto chief, XIV, 230, 239, XV, 35, 101, 142, XVII, 151; intoxicated, XV, 108; son, XIV, 232; president of society, XVI, 217.

Big Jude (Miss.), settlement, IV, 346.

Big Knife (Wahachera), Kansa chief, XIV, 177.

Big Knives, Indian name for Americans, II, 208, V, 95, XIV, 235, 314, XV, 97; relations with Indians, XIV, 264, XV, 57, 106, 149.

Big Lake, Piegan chief, welcomes priests, XXIX, 353; meets De Smet, 354.

Big Man, Arikara chief, V, 128, VI, 111; trades with Hunt, V, 132.

Big Mound, site, XXVI, 258; view from, 161, 162.

Big Prairie (Ark.). See Great Prairie.

Big Prairie (Ill.), soil, X, 258; crops, 298, 301; Woods in, 258.

Big Rabbit (Mushchinga, Mushshinga), Omaha chief, XIV, 320; attacks Oto, XV, 89.

"Big Sink," described, XXVI, 214.

Big Soldier, Blackfoot chief, XXIII, 88, 97.

Big Soldier (Haschasto, Hashakedatungar), Osage chief, XVI, 274; at Kansa village, XIV, 276; meets Pike, XVI, 274; portrait, XXIII, 131.

Big Soldier (Wahktageli), Sioux Indian, XXII, 306; portrait, 307, 311; dress, 307, 311, 312; tent described, 308, 309.

Big Spring (Mo.), originally Loutre Lick, XXI, 129.

Big Timber (Utah), trail, XXX, 78.

Big White (Le Gros Blanc). See Shehekè.

Big Wolf, Osage chief, XVI, 274.

Bigelow (Kans.), site, XXX, 44.

Biggs, Gen. Benjamin, in West Virginia, III, 360.

Biggs, Col. Joseph, in West Virginia, III, 360, 361.

Big horns (argal, *ashata*, *capra americana*, *ovis montana*), habitat, V, 170, VI, 360, XVI, 21, XVIII, 90, 91, 136, XIX, 327, XX, 276, XXIII, 66, 79, 80, 82, 246, XXVII, 131, 226, 334, XXVIII, 221, XXIX, 51, 209, 266, 366, XXX, 63; numerous, XXII, 372, XXIII, 53, 170, 174, 176, XXIV, 90, XXX, 248; described, XX, 276, 277, XXI, 185, XXIII, 68, XXVII, 183, 184; food of, XXIII, 67; hunted, XXII, 382, XXIII, 67, 346, XXIV, 234, XXIX, 257, XXX, 260; as food, XXIII, 174, XXVIII, 252, 261, XXIX, 220; uses, VI, 349, XXI, 254, XXVII, 400; stuffed, XXII, 69; skulls, XV, 302; horns, XXIII, 107, 220; skins, VI, 131, XXII, 295, 352, XXIII, 101, 108, 154, 158, XXIV, 74, XXVIII, 312; river named for, XXVII, 146. See also Antelopes.

*Bignonia*, observed by Long's party, XVI, 170; *catalpa speciosa*, III, 75, 79; *cruciata*, XXII, 165, 189; *crucigera*, III, 75; *radicans*, 28, 30, 75, XIV, 56, XXII, 166, 189, XXVI, 287, 293.

Bigsby, John J., quoted, VI, 394, 395; *Shoe and Canoe*, II, 81, VI, 382.

Bijeu (Bijaux), Joseph, guide and interpreter, XV, 213, 220, XVI, 58, 110, 192, 220, XVII, 98, XXII, 301; enterprise, XVI, 24; information on Indians, 210, 212; account of Rockies, 59, 60; accompanies Bell, 58; with Long, 225-227; sketch, 255.

Billberry. See Service berry.

Bill Sock, Conestoga Indian, I, 238, 239.

Billecocq, J. B. L. J., French translator, II, 13.

Billingsby, "Squire," on Vache Grasse Creek, XVII, 13.

Billingsley family, on Mulberry Creek, XIII, 195.

Billon, F. L., *Annals of St. Louis*, III, 80, VI, 403, XXVI, 165.

Biloxi (Miss.), French headquarters, XIII, 314.

Bilson, Benjamin, publisher, XVIII, 17.

Bimeler, Joseph. See Bäumler.

Binnie & Ronaldsons, type manufacturers, IX, 59.

Birches (*betula*), habitat, II, 81, VI, 364, VIII, 181, XIV, 56, XX, 254, XXVIII, 198, XXIX, 192, XXX, 102; size, XXVII, 339, 340; abundant, XXIV, 169, XXVII, 360, XXIX, 40, 44; *alnus americanus*, III, 59; *glauca*, XIII, 42; black (*nigra*), III, 75, 83, 84, XXVIII, 198; grey, III, 75; paper (*papyracea*), habitat, 75, XXIII, 244; stripped, 244, 245; uses, VIII, 230, XXIII, 245, 279, XXIX, 145; poplar-leaved (*populifolia*), XIII, 242; yellow, III, 343; white, XVIII, 349; observed by De Smet, XXIX, 212; by Farnham, XXVIII, 324; by James, XVI, 15; by Maximilian, XXII, 98, 110, 135.

Bird, —, half-breed interpreter, treachery, XXI, 353, 354, XXIII, 145, 153, XXIX, 241; character, XXIII, 135; dislikes American Fur Company, 145; in Fort McKenzie, 143; in Rocky Mountain House, XXIX, 241; imprisoned by Blackfeet, XXI, 354.

Bird, —, landlord, XI, 65, 67.

- Bird, Col. —, at Fort Littleton, III, 142.
- Bird, Col. Abraham, on Mississippi River, IV, 279.
- Bird, Frank, free negro, IV, 198.
- Bird, John, founds Cairo (Ill.), XXII, 204.
- Bird, Thompson, founds Cairo (Ill.), XXII, 204.
- Bird, William, founds Bird's Point (Ill.), XXII, 204.
- Bird-cherry bushes, habitat, XXII, 384; in blossom, 264; observed by Maximilian, 293, 332, XXIII, 195.
- Bird's Point (Ill.), founded by Bird, XXII, 204.
- Birds, collections, IX, 55, XXII, 9, 191; catalogue, 19; common in United States, XIII, 197; new species, XXI, 180, 187, 201, 306, 319, XXII, 39; unknown species, 9; migration, 128, XXVI, 63; food, XXII, 183; abundance, XVIII, 194, XXI, 176, XXIV, 124; scarcity, XXII, 104, XXIV, 135; depredations, XXII, 89; trade in, XXI, 347; carry seeds, XI, 142; tame, XXII, 192; imitated by Indians, XV, 114; varieties, VIII, 268; aquatic, VI, 200, 201, XIV, 285, XXII, 38; of prey, XIV, 81, XVI, 103, XXII, 74, XXIII, 330, 344; song, IV, 238, 281, 282, VI, 373, XIII, 196, 206, XVIII, 336; tropical, XI, 43; *fringilla psaltria*, described, XV, 313; *numenius* or *charadrius*, observed by Maximilian, XXIII, 194; *recurvirostra*, observed by Bradbury, V, 70; *thalassidroma wilsonii*, observed by Maximilian, XXII, 39; on Arkansas River, XIII, 101, 105; Gulf of Mexico, IV, 371, 373; Licking River, VIII, 281; in Middle West, XI, 255; on Missouri, VI, 70, 108, 109; on Ohio, III, 350, IX, 164, XIX, 39. See also the several kinds.
- Birk, Capt. Jeremiah, visits Richard Flower, X, 126, 127; town named for, 262; sketch, 126, 262.
- Birk's Prairie (Ill.), location, X, 333; water supply, 273, 274, 336, 341; crops, 301, 302; immigrants, 310; farm buildings, 280; amusements, 347; wolves, 288; Emerson in, 324; Woods, 262, 266, 267, 271, 316.
- Birkbeck, Bradford, son of Morris, X, 48.
- Birkbeck, Charles, son of Morris, X, 48.
- Birkbeck, Eliza, daughter of Morris, X, 48.
- Birkbeck, Morris, X, 19, 153, XII, 214, 256, XIX, 43, 44; character, XI, 192, 238, 261, 262, XII, 250, XIII, 103; opposes slavery, X, 14, 15, XI, 240; charges against, X, 116, 118, 151, XI, 211; resources, 191, 192, 214, 216, 220, 245, 264, 284, 288; motive for emigrating, 238; purchases land, X, 49; quality of, XI, 295; makes settlement in Illinois, IX, 71, X, 47, 260, 261, 271, 316, XI, 10, 11, 110, 115, 129, 144, 154, 191, XII, 22, 110, XIII, 71 (see also English Prairie, and Wanborough); progress of, X, 104, 149, XI, 193, 290, XII, 60, 105; misrepresented, X, 109, 116, XI, 217, 245, XII, 251-255; founds Wanborough, X, 149, XI, 261; influences English emigration, IX, 36, X, 21, XI, 57, 235-238, 266, 269, 271, XII, 148, 149, 251, 252, 258, XIX, 58; misrepresents Eastern states, XI, 142; agricultural policy of, X, 49-51, 280, XII, 254, 255; dairies, X, 282, 355; invents plow, XI, 289; president of agricultural society, X, 343, XI, 262; home described, X, 48, 49, 272, XI, 255, 264, XII, 252-254; visited by Faux, XI, 302; letters to, 274; letters by, 142, 273; relations with Flower, X, 49, 109, 270-276, 348, 349; with Cobbett, IX, 36, X, 22, 109, 164-167, XI, 143, 269; with Harmonists, XII, 262; notes American customs, 181, 291; size of trees, IX, 285; children of, XI, 254; *Journal*, XII, 148; *Letters from the Illinois*, IX, 65; X, 11, 47, 131, 149-151, 166, XI, 189, 272, XII, 148, 251, 253, XIX, 43; *Notes on Journey in America*, X, 11, 47, XIX, 43; *Notes on Journey through France*, X, 47; sketch, 10, 47, XI, 57.
- Birkbeck, Morris, Jr., XI, 262, 268.



Birkbeck, Prudence, X, 48, XI, 265.

Birkbeck, Richard, XI, 262, 304.

Birnie (Burney), James, character, XXIX, 70, XXX, 201, 202; entertains De Smet, XXIX, 160, 161; directs Astoria, XXX, 201; land claim, 205; in Fort George, XXI, 361; finds medal, 362; sketch, 361, XXIX, 70.

Bironka (robe with beautiful hair; Long Nose), portrait, XXIV, 72.

Biscatonge Indians, anecdote, II, 97.

Biscay (Nueva Vizcaya), province of, location, XVIII, 144, 146.

Biscuit, article of food, XII, 102, XXIII, 27, 207; supply, V, 299, XI, 51, XV, 191, XXX, 135, 136; article of trade, XXIV, 123; as present, XVI, 185; sacrificed to dead, VI, 238.

Biscuit root. See *Psoralea esculenta*.

Bishop, —, accompanies Faux, XI, 66, 68; in Charleston (S. C.), 65, 105.

Bishop, Rev. Robert H., college professor, IV, 184.

Bishops. See Clergymen.

Bismarck (N. Dak.), location, V, 148, XXII, 15, 240, XXIX, 233, 369; Mandan near, V, 114; creek, XXII, 340.

Bison (*bonassus*, *bos americanus*, *bos bison*, buffalo, pesteshekey): I, 130, 131, III, 192, 197, V, 68, 76, XIV, 14, XV, 233, 302, 318, XVI, 221, XVIII, 12, 334, XIX, 205, XX, 257, XXI, 102, 167, XXIII, 26, 66, XXVIII, 218, 285; Indian name, II, 184; compared with European (auroch), XIX, 140, XXVII, 350; with Hindu, XX, 262; described, VI, 90, XIII, 210, XV, 243-247, XVII, 144, 145, XX, 262, 263, XXIII, 173, XXIV, 130; habitat, III, 82, 234, XIV, 20, 166, 315, XV, 135, XVI, 72, 163, 211, 228, 242, XVII, 146, 148, XVIII, 333, XX, 248, 265, XXI, 50, 158, 232, 269, XXII, 281, 390, XXIII, 42, 67, 194, 236, 245, XXVI, 279, 280, XXVII, 39, 131, 157, XXVIII, 62, 92, 104, 208, 209, 219, 221, XXIX, 250, 400, XXX, 260; on Athabasca River, VI, 355; in Illinois, III, 73, X, 288, 290; Kentucky, I, 135, III, 37, IV, 175; on Missouri River, V, 101, XXIII, 48; Platte, XXX, 53; in Tennessee, III, 63; on Washita, XIII, 168; Salt Licks visited, I, 135, X, 226, 274, XI, 245, XII, 218, XIV, 151, XV, 273; migrations, V, 124, XV, 248, 256, XIX, 244, XXVII, 161, XXVIII, 150, 163, 172, 199; roads formed, V, 99, VI, 365, VIII, 263, XIII, 145, 211, XV, 308, 310, XVI, 24, XVIII, 140, XX, 133, XXIII, 36, 51, 63, 181, 214, XXX, 48; size, VI, 373, XVI, 268; weight, III, 73, 234, XXVIII, 89, 96.

*Habits*: in general, III, 73, V, 145, XVI, 144, 145, XVIII, 50, XXVIII, 94, 95; gait, XV, 248, XX, 271; acute scent, V, 149, 150, XV, 256, XX, 214, 269, XXIII, 176; roaring, XVI, 224; combats, V, 189, 190, VI, 149, 150; fierceness, V, 189, XIII, 326, XVIII, 64; fears, XV, 250, XVI, 140, XXVIII, 92; illness, XVI, 231; food, XV, 249, XXIII, 193; horns, 34; white, VI, 56, XXII, 343, 344, 354; wallows, XV, 248, 249, XX, 132; become mired, XVIII, 335; swim, V, 92, 126, 190, VI, 96, 109, XXIII, 30; drowned, V, 57, 68, VI, 36, 37, 87, XXII, 341, 382, XXIII, 62; tamed, III, 234, XI, 284, XX, 268, XXI, 206, XXIV, 129; castrated, XXIII, 175; crossed with cattle, XIX, 140; attacked by wolves, XX, 272, XXIII, 249; by bears, XVI, 47, XVIII, 61, XXVII, 178; retreat before civilization, IX, 121.

*Herds*: V, 121, 146-148, 184, 185, VI, 104, 147, 148, XVI, 232, 266; size of herds, III, 233, V, 147, 149, VI, 111, XVIII, 334; abundance, I, 140, 143, IV, 177, V, 145, 193, 229, 230, VI, 108, 110, VII, 226, VIII, 271, XIII, 213, 328, XV, 228, 239, 242, 243, 245, 255, XVI, 34, 42, 75, 103, 128, 130, 132, 135, 139, 140, 144, 146, 151, 153, 158, 223, 224, 238, XVII, 214, XVIII, 52, 56, 64, 141, 330, 335, 341, 375, XIX, 210, 213, 244, XX, 113, 118, 213, XXI, 51, 162, 166, 194, XXII, 167, 245, 294, 328, 332, 341, 366-368, 373, XXIII, 37, 47, 49, 57, 64, 172-177, 179, 183, XXIV, 66, XXVI, 232, XXVII,



183, 334, 349, XXVIII, 93-96, 102, 119, 150, 233, 258, XXIX, 94, 229, 341, 349, 367, XXX, 65, 66, 72, 247, 248; scarcity, XIV, 278, XV, 171, 207, 227, XVI, 83, 96, 164, 241, XIX, 239, 243, XX, 92, 115, 143, XXI, 60, 103, 177, 187, XXII, 336, 371, XXIII, 213, 235, XXIV, 43, 53, 63, 89, 94, XXVIII, 54, 59, 100, XXIX, 343; extermination, III, 233, XV, 256, 257, XIX, 246, XXII, 382, XXIV, 130, XXVIII, 236, XXIX, 365.

*Hunted*: first sight, XIX, 16, 205, 206, XXII, 15; alarm caravan, XIX, 208; stampede, XXI, 159; methods of hunting, II, 133, V, 173, 174, VI, 124, VII, 215, XIV, 298, 299, XVI, 269, XXIII, 108, 183, XXIV, 51, XXVII, 265, 298, XXVIII, 85, 86; decoyed, XI, 86; driven into parks, XXII, 390, XXIII, 14, 108; over precipice, XV, 282; hunting, IV, 177, 178, V, 84, 93, 123, 124, 145, 147, 148, VI, 80, 91, 105, 106, 110, 133, 134, 339, 372, XIII, 224, 230, 232, 276, 278, XIV, 295, 297, 311, XV, 165, 225, 234, 261, 271, 307, 313, 347, XVI, 30, 50, 60, 76, 144, 168, 172, 222, 224, 230, 267, XVII, 154, 156, XVIII, 14, 49-51, 53, 65, 68, 73, XIX, 190, XX, 83, 92, 119, 206, 325, XXI, 48, 81, 150, 160, 161, 200, 201, 210, 213, 235, 240, XXII, 298-300, 342, 352, 390, XXIII, 31, 32, 37-39, 41, 43, 46, 47, 49-52, 60, 63, 93, 143, 167, 174, 180, 181, 195, 345, 346, XXIV, 27, 45, 55, 62, 70, 86, XXVII, 158, 163, 168, 213, 348, 380, XXVIII, 58, 69, 80, 88, 89, 105, 163, 200, 201, 205, 206, 262, XXIX, 203, 403, 404, XXX, 231; anecdotes of, 28; dangers, XXVII, 350; number killed, XXII, 382, XXVII, 298; wanton destruction, IV, 178, V, 148, VI, 108, XV, 245, XX, 214, 264, 265, XXI, 170; hunters, XIX, 235, 239, 240, XXIV, 29, XXVIII, 94, 96, XXX, 69.

*Uses*: as food, III, 234, V, 81, 83, 191, VI, 117, 135, 137, 145, 368, 371, 375, VII, 216, 226, XIII, 259, 270, XIV, 190, 279, 301, XV, 146, 160, 263, XVI, 12-14, 111, 150, XVIII, 40, 331, 334, 335, XIX, 179, 190, 206, XX, 263, 264, XXI, 212, 238, XXIII, 11, 23, 93, 345, 346, XXIV, 33, 66, 69, 70, 78, XXVII, 148, 176, 264, 400, XXVIII, 75, 81, 154, 172, 181, 261, 277, 308, 326, 329, XXIX, 172, 190, 211, 229, 249, XXX, 52, 53, 248, 260; tongues as food, XIII, 19, 20, XV, 257, 263, XX, 216, XXI, 170, XXII, 382, XXIII, 52, 189, XXVIII, 82, 303, XXIX, 349, 368; marrow, XXII, 366, 382; liver, XXVIII, 151; tallow, V, 186, XIV, 199, XV, 217, XXIX, 303; milk, XIV, 305; blood as beverage, XXI, 171, 172, XXVIII, 150; condition for food, XVI, 103, 133, XXI, 101, 216; slaughtered, V, 185, 186, XXI, 169, 170, 345, XXIII, 71; fresh meat, V, 180; how prepared, XIV, 301, XX, 114, XXVIII, 89, 201-204; boiled, XV, 262; dried (jerkerd), V, 74, 133, 134, 138, 230, XIII, 259, XIV, 187, 191, 197, 199, 281, XV, 217, XVI, 56, 82, 129, 196, XVIII, 139, XXI, 49, 199, 210, 232, 279, XXIX, 386; method of, XIX, 240, XXI, 216, XXVIII, 154, XXX, 53; price of, VI, 365; buffalo compared with bear's meat, XVI, 146; robes, XII, 20, XV, 245, 351, XXII, 381, XXIII, 104, 170, XXIV, 39, 79, XXVIII, 329; number sold yearly, XX, 265, XXII, 380; dressed, V, 87, 138, XIV, 289, 312, 313, XX, 331, 332, XXIII, 11 (see also Indians, tanning); uses, VI, 116, 118, XIV, 301, XX, 271, XXVIII, 253; as dress, VI, 29, 57, 120, 121, VII, 137, VIII, 12, 103, 124, 201, XIV, 196, 274, XV, 34, 208, XVI, 205, XVIII, 139, XX, 328, 341, 345, XXI, 145, 148, 262, XXII, 268, 271, 284, 286, 293, 307, 308, 341, 344, 371, XXIII, 15, 70, 103, 262, 290, 345, 369, XXIV, 67, XXVII, 172, XXVIII, 132; as shoes, XVIII, 50, 56, XXI, 75, XXIII, 101 (see also Indians, moccasins, shoes); caps, XXIV, 48; as coverings, XI, 312, XII, 301, XIV, 190, 191, XIX, 212, XX, 326, XXI, 49, 55, 61, 75, 146, 147, 223, 281, XXII, 308, XXIII, 379, XXIV, 16, XXVIII, 85, 132, 331, 339; cushions, XXII, 309, 352; couches, XX, 150, XXIII, 24, 124, 126, 136, 177, 186, 196, XXIV, 18, XXVI, 138, XXVII, 152, 400, XXIX, 264, 288; shrouds, XXII, 393, XXIII, 121, 140, 141, XXVII, 149, 188, 360; as furniture, V, 129, 178, VI, 115, XV, 205, XXI, 349, XXVII, 170, XXX, 57; covering for lodges, XXI, 225, 257, XXIII, 104, XXVIII, 156, 235 (see also Transportation: skin-canoes); white robes, XXIV, 48, 62, 67, 72; venerated as sacred, XXIII, 289, 321-323, 350, 371, 390; as offering, XXVIII, 210, 268; robes as presents, V, 182, XIII, 329, XV, 163, XXII, 343, XXIII, 380; as article of trade, VI, 66, VII, 129, XIV, 242, 312, XVI, 207, XVII, 156, XVIII, 43, 349, XIX, 182, XX, 87, 265, XXI, 145, 193, XXII, 327, 381, XXIII, 11, 76, 108, 109, XXIV, 106, XXVII, 59, XXVIII, 163, 171, 262, 341, XXIX, 233, XXX, 55, 74, 260; price, V, 130, 132, XII, 19, XX, 271, XXII, 382, XXIII, 289,

BISON: *Uses* (continued)—

XXIV, 16 (see also Fur trade); packing of, XXIII, 142, 234, 235; injured by rain, 11; horns, IV, 355, XIV, 191, 199, XV, 204, XXIII, 220, 345, XXIX, 391; sinews, XV, 77, XVIII, 164, XXI, 55, 76, 256, XXIII, 304, 345; wool, uses, VI, 122, XV, 48, XXII, 391, XXIII, 107, 117, 327, XXIX, 353; tallow as ointment, XV, 71, XXVIII, 87; caulking, XXI, 55; bladders, XV, 26, XVI, 105; bones, XV, 186, 229, XXI, 156, XXII, 295, 384, XXIII, 50, 55, 181, 193; bows made of, XVIII, 141, XX, 323; hoes, V, 175, XV, 77, XXIII, 276; plows, XXIX, 381; other uses, VI, 125, XXIII, 375, XXIV, 72, XXVII, 157; hoofs, XXIII, 117, 336, XXIV, 28, 75; teeth, XXIII, 100; heads, VI, 109, 115, XXIII, 294, 295, 301, 380, 384, 388, XXIV, 15, 79, XXVIII, 268, XXIX, 385, 389; tails, XXIII, 325; dung used as fuel, V, 144, 149, XIII, 246, XV, 240, XVI, 65, XVIII, 41, 335, XX, 114, XXI, 50, 67, 101, XXIII, 194, 196, XXVIII, 95, XXIX, 350, XXX, 48; fossil remains, V, 120, XVII, 13; skulls, XV, 205, 253, XX, 351, 352, XXII, 283, 318, 383, XXIII, 57, 333, 340, 348, 377, XXIV, 23, 31; stuffed, III, 131, XV, 56, XXII, 69; hieroglyphic figures of, XXVI, 75; views of hunts, XXI, 110, XXIX, 337, 347, 351, 355, 387, 401.

Bison-path Indians, Minitaree name for Arapaho, XVI, 215.

Bissel, Capt. Daniel, with Long, XIV, 172; at Fort Massac, IV, 277.

Bissonette, —, fur-trader, XXIII, 227.

Bissot, Jean Baptiste, Sieur de Vincennes, in Miami country, I, 122; sketch, XXIV, 137.

Bitterns, habitat, IV, 290, XXVII, 131.

Bitterroot (*lewisia rediviva*; *racine amère*), habitat, XXIX, 196; abundant, 289; as food, XXVII, 281, XXIX, 196; Montana state flower, 196.

Bitters, composition, IX, 77; Scotch fond of, XII, 201.

Bittersweet (*celastrus scandens*), seeds, XXII, 192.

Bitter-weeds (*ambrosias*), described by Nuttall, XIII, 269.

Bitumen, III, 65; observed by Flint, IX, 305; Nuttall, XIII, 173.

Bivalves (fossils), *cytherea*, XVI, 30; *equilateral*, 41; *testacea*, XXII, 143.

Black, —, Presbyterian minister, IV, 84.

Black, Capt. Samuel, character, VII, 250; in Astoria, VI, 301, 302, VII, 250, XXIX, 56; commands "Raccoon," VI, 299, 390, VII, 248; exploring expedition, XXIX, 284; succeeded by Manson, 284; on Thompson's River, XXI, 344; Hudson's Bay agent, VII, 199; makes present, 249; disappointment, 249, 250.

Black-arm Indians, hostility of, XV, 237.

Black Buffalo, Teton chief, V, 222.

Black Cat (Posecopsahe), Mandan chief, XXIII, 231, 232.

Black-eyes, entertains De Smet, XXVII, 166.

Black-gowns. See Jesuits.

Black gum (trees), III, 83.

Black haw (*viburnum lentago*), habitat, XVI, 156.

Black Hawk (Makataineshekikiah, Black Sparrow Hawk), Sauk chief, XXVIII, 141; commissioned by British, XVIII, 31; in Black Hawk War, 31, 32, XXVI, 282, XXVIII, 143, 144; imprisoned, XXII, 14, 215, 217; relations with Keokuk, 217, 218, 227, 228; described by Maximilian, 14, 229, 230; sketch, XXI, 123.

Black Rock (N. Y.), distance from Buffalo, VIII, 179, 182; road, XXIV, 164; in War of 1812-15,

VIII, 46, 182; Bullock in, XIX, 143; Evans, VIII, 181, 182; Flint, IX, 316; "Walk-in-the-water," 314, 315; note, VIII, 179.

Black Shoe, Minitaree chief, V, 167, VI, 140.

Black (Miami) Swamp (Ohio), VIII, 83; boundary, 204; Buttrick in, 83, 84; Evans, 103, 196, 201; sketch, 196.

Blackberries, habitat, IV, 301, 354, VI, 321; quality, X, 308, XIV, 156; season, XIX, 75; abundant, X, 208, 209, XXII, 67, 385, XXVII, 69, XXVIII, 155, XXIX, 196; article of trade, X, 192; *rubus fruticosus*, IX, 121; *hispidus*, 121.

Blackbird (Fr. Oiseau Noir, Washingguhsabe, Waschinga-Saba, Washinga-Sahba), Omaha chief, V, 82, XIII, 266, XV, 117, XXII, 277; powers, VI, 280; witty, XV, 121; character, XIV, 318-320; wars engaged in, XV, 88-90; present to O'Fallon, XIV, 239; grave, XXIV, 105, XXV, 12; monument, V, 84, 85; hills of, XXV, 12; sketch, V, 85, 86.

Blackbirds, habitat, IV, 301, 302, XXII, 384, XXIII, 52, 57; numerous, VI, 109, X, 291, XXI, 142, XXII, 74, 145, 369, XXIII, 185, 199, 214, XXIV, 97, 102; observed by Maximilian, XXII, 196; in Indian folk lore, XXIII, 337; *quisqualis ferrugineus*, XXII, 385; yellow-headed, XXIII, 35.

Blackborn, —, in Tennessee, III, 258, 260.

Blackburn, Gideon, founds theological school, XXVI, 226.

BLACKFOOT INDIANS: VI, 27, VII, 211; sketch, V, 225, VI, 371; portraits, XXV, 19; stock, XX, 297, XXIX, 360; affinities, XXII, 326; confederacy, XXIII, 90, XXIX, 360; tribes, XXIII, 95-97, XXIX, 346, 349, 357, 359, 360; population, V, 225, XXIII, 87, 95, 96, 255, XXVII, 151, 166, XXVIII, 264, XXIX, 98, 359; habitat, VI, 28, XXIII, 95, XXVIII, 264, 319, XXIX, 218, 230, 232; hunting grounds, XXI, 232, XXVIII, 209; boundaries, XXIII, 75, 96, XXIX, 65; on Cimarron River, XIX, 221; Musselshell, XXIII, 135; in Fort Clark, XXII, 256, XXIV, 71; Lewis, XXIX, 359; McKenzie, XXII, 15; Union, XXIII, 188; Vermillion, VI, 370; on "Flora," 72; physique, XXIII, 97; height, 131; dwarfs, 20; physiognomy, 97, 98; color, 132; hair, 98, 256; resemble Tartars, XXI, 77; character, 192, XXII, 35, XXVII, 284, XXIX, 241; ferocity, VI, 371, XXI, 295, XXVII, 354; wiliness, XXI, 207, 208, 214; cowardice, XXIII, 151, 153; indolence, XXII, 368; revengefulness, XXIII, 111, 118, 139-141, 143; importunity, 112, 161; superstitions, XXIX, 405; hospitality, XXIII, 111; language, 76, 97, XXIX, 422; dialect, XXIV, 204, 208, 226, 227; sign-language, 300; interpreters, XXIII, 70; vocabularies, XXII, 32, XXIV, 217-220, 234, XXIX, 423; religions, XXIII, 119, 122; creation myth, XXIX, 243, 244; heaven described, 244; medicine men, XXIII, 100, 119, 121, 145; dances, 112, 115, 117, XXIX, 336-340, 360.

*Social and Economic Life:* hunting, VI, 371, XXIII, 108, XXIX, 94; traders, VI, 371, 372; village, XVIII, 144; camps, XXIII, 104, 156; tents, 104; hut, 123, 124; food, 109, 124, 133; household utensils, 102, 103, 107, 108; saddles, 107; musical instruments, XXII, 361, 363, 364, XXIII, 120, 124; horses, 132, 345; dogs, 273; dress, XXI, 70, XXIII, 101-104, 110, 123, 124, 158, 262, 369; uniforms, 126; shoes, 75; head-dress, 99, 100; ornaments, 99-101, 265; earrings, 98; painting body, 99; ointment, 266; bags portrayed, 105.

*Warfare:* parties, XVIII, 142-144, XXIII, 34, 117, 118, 150, 162, XXVIII, 277, 290, 298, XXIX, 340; weapons, XXII, 366, XXIII, 103, 118, 119, 354; hostility, V, 45-47, 228, VI, 28, 29, 340, VII, 211, 215, 224, XXI, 58, 73, 74, 81, 146, 196, 209, 213-215, 224, XXIII, 40, XXVI, 16, XXVII, 145, 147, 150, 170, 171, 177, 229, 269, 279, 295, 319, 332, 335, 360, 392, XXVIII, 16, 179, 180, 229, 240, 277, 292, XXIX, 218-220, 399, 413, 417 (see also Intertribal relations, *post*); encounter with Lewis,

BLACKFOOT INDIANS: *Warfare* (continued)—

VI, 28; massacre Henry's party, 271; attack Thing, XXI, 327, 328; battle of Pierre's Hole, 14, 69-72; treatment of prisoners, XXIII, 118.

*Chiefs*: XXI, 354, XXIII, 87, 88, 135; marks of distinction, XXIX, 240, 353; renegades, XXI, 196; crimes and penalties, XXIII, 110, 117, 136, 282; stealing, VI, 28, XXIII, 112, XXVII, 350, 352; treachery and murder, XXI, 70, 353, 354, XXVII, 351, 352; police, XXIII, 116, 117; women among, 103, 109; marriage, 110; intermarriage with whites, 38, 85, 93; polygamy, 109, 110; children, 109; smallpox, XXII, 35, XXVIII, 265, 266, XXIX, 242.

*Customs*: games and gambling, XXII, 392, XXIII, 112; expert marksmanship, 109; unions, 115-117, XXIV, 41; disguises, XXI, 221; duelling, XXIII, 111; self-torture, 98, 99, 341; use of brandy, 142; mourning, 140, 142, 148, 150, 362, XXIX, 346; burial, XXIII, 76, 121, 141.

*Intertribal relations*: XXIII, 74, 161, XXIV, 15, XXVII, 398, XXVIII, 17, XXIX, 242, 365; with Arikara, XXIII, 394; Assiniboin, XXII, 15, XXIII, 146-149, 151, 152, XXIX, 224; Bannock, XXI, 242, XXVIII, 318; Cree, XXIII, 22, 23, XXIX, 236-238, 250, 357; Crows, V, 226, XXII, 353, XXIII, 155, XXVII, 179, 397, XXIX, 343; Flatheads, XXIV, 228, 295, XXVII, 137, 170, 171, 181, 232, 233, 285, 286, 298, 299, 353, 380, XXIX, 177, 326-329, 332, 335, 345, 358, 408, 410, 414-417; Kutenai, XXIV, 234; Mandan, XXIII, 322, 353; Minitaree, 383; Nez Percés, XXIX, 343; Pawnee, XXI, 150; Pend d'Oreille, XXVII, 353; Sioux, XIX, 228, XXIII, 107; Shoshoni (Snake), VII, 270, XXVII, 164, XXVIII, 262, XXX, 87.

*Relations with whites*: XXIII, 67, 96, 109; with Spaniards, XXII, 367; with fur-traders, XXI, 45, 63, 83, 221, 234, XXII, 300, XXIII, 25, 85, 96, 155, XXVII, 207, XXVIII, 172; trading-posts among, XXII, 314, 345, 377, XXIII, 61, 73, 87, 88, 90, 91, 101, 107, 125-133, 142, 154-163, XXIX, 359; treaties with fur-companies, VI, 138, XXIII, 23, 40, 90, 91, 159, 164, XXIV, 317; relations with trappers, XXVIII, 229, 236, 237, 266, 270; with missionaries, XXVII, 152, 153, 284, 285, 317-319, 351, 381, XXIX, 135, 325, 336, 342, 346, 349, 357, 364, 365, 400, 408, 412, 416; with Colter, V, 44; Culbertson, XXIII, 189; De Smet, XXVII, 137, 402, XXVIII, 17, XXIX, 230, 234, 235, 245, 328, 329, 335, 361; Maximilian, XXIII, 165; Miller, V, 225; Father Point, XXVII, 193, 381, XXIX, 404; Richardson, XXI, 222, 223; Major Sandford, XXII, 235; Sublette, XIX, 239, XXI, 57, 85, 86, 88; Wyeth, XXI, 76, 256.

Blackfoot (Idaho), river at, XXI, 204.

Blackleg's Town, situation, I, 245.

Blacklog (Pa.), Weiser on, I, 21-23.

Blackman, William F., *Making of Hawaii*, VI, 225, 226.

Blacksburg (Va.), trail, III, 48.

Blacksmiths. See Trades.

Blacksnake Hills (Mo.), site, XXIX, 372.

Blackthorn, odor of flowers, XXIV, 91.

*Blackwood's Magazine*, IX, 298, XI, 11, XXVI, 113, 197.

Bladders, as receptacles, XIV, 301, XXI, 320.

Bladderwort (*atricularia*), red flowering, observed by Maximilian, XXII, 100.

Bladensburg (Md.), in War of 1812-15, VIII, 171; Decatur in, XII, 64.

Blain, Rev. Wilson, edits *Oregon Spectator*, XXX, 160.

Blaine County (Idaho), boundary, XXI, 244; mountains, 249.

Blainville, Céloron de. See Céloron, Pierre Joseph.



- Blainville, Ducrotay de, *Cuvier et Geoffroy Saint Hilaire*, XXVII, 114.
- Blair, —, character, XXVIII, 101, 102; enthusiasm, 184; loss of horse, 182; afoot, 242; horseback, 183, 185, 187; accompanies Farnham, 98, 277; in Waiilatpu mission, 342; Clearwater mission, 343.
- Blair, Lieut. —, on Arkansas River, XIII, 144, 150.
- Blair, George, plats Belleville (Ill.), XXVI, 254.
- Blair County (Pa.), Indians in, I, 22.
- Blairsville (Pa.), described by Maximilian, XXII, 138.
- Blakely, Johnston, commands "Wasp," VIII, 241.
- Blake's Mills (Ohio), also called Lockport, XXIV, 154.
- Blanchard, —, in Ohio valley, IV, 171.
- Blanchet, Rev. Augustine Magloire Alexander, bishop of Wallawalla, XXIX, 141, 142.
- Blanchet, Francis Norbert, bishop (later archbishop) of Oregon, XXVII, 377, XXIX, 119, 132, 133; founds mission, 20, 128, 130, 142, 162-166, 169, 170; in Fort Vancouver, XXVII, 319, 369, 377, XXIX, 280; missionary journeys, 132, 135, 136, 152, 153, 170; meets De Smet, 136, 138; accident, 133; influence with Indians, XXVII, 389; made archbishop, XXIX, 140; jurisdiction, 141; letters, XXVII, 385-391, XXIX, 181; solicits funds, 140, 141; *Historical Sketches*, XXVII, 320; sketch, 319, 320.
- Blanchette, La Chasseur, St. Charles located by, XXVI, 269.
- Blankets, articles of trade, VI, 31, 257, VII, 161, VIII, 222, XIV, 310, XVI, 270, XVII, 154, 156, XVIII, 349, XIX, 194, XX, 65, 89, 131, XXIII, 371, XXVIII, 172, XXIX, 60, 96, XXX, 74, 235; of barter, V, 170, VIII, 51, XVIII, 173, 210, XXII, 258, XXVIII, 307, 316; as payment, I, 44, XV, 54, XXIII, 292, XXX, 146; as presents, I, 161, 209, 318, VII, 187, XIII, 259, 275, XIV, 192, 239, XV, 124, 148, XVI, 235, XVIII, 220, XXI, 339, 362, XXII, 286, XXIII, 296, 320, 325, XXIV, 40, 58, 77; as equipment, VIII, 61, 62, 78, 80, XIV, 157, 316, XV, 138, 139, 194, XVIII, 37, 124, 204, 205, XIX, 230, XXIII, 24, 104, 170, XXIV, 39, XXVIII, 92, XXX, 137; as booty, XVIII, 163; ransom, VI, 309; uses, for dress, I, 308, VIII, 150, IX, 312, XI, 211, XIII, 137, XIV, 196, XVIII, 358, XIX, 143, XX, 64-66, 328, 336, 341, 345, XXI, 145, 148, 307, XXII, 225, 228, 271, 284, 289, XXIII, 21, 190, XXIV, 52, 162, 181, XXVIII, 132, XXIX, 160; as overcoats (capeaus), XIII, 79, 109, XXI, 121, 182, XXII, 378, XXIX, 19; coverings, I, 228, 281, XIX, 212, 286, XX, 75, XXIV, 87, XXVIII, 84, XXIX, 304; sails, XXVIII, 378, XXIX, 152, 282; lining for canoes, XXVIII, 154; bed, XXIII, 24; couches, XIX, 247, 337, XX, 90, 150, 173, XXI, 143, XXIII, 177, 186, 191, XXIV, 18, 89, XXVIII, 91, 172, 183, 198, XXX, 34, 208; as shrouds, XIX, 184, XX, 53, 89, 351, XXIII, 141, 360, XXIV, 86; wagon-protectors, XIX, 194; smallpox carried by, XXVIII, 265; East Indian, XXI, 58; European, XIII, 259; figured, XV, 160; Mackinac, XVII, 154; Mexican (sarape), XVIII, 166, XIX, 338, 340, XX, 89; Navaho, XVIII, 69, 166, XIX, 338, XX, 65, 71; Spanish, XVI, 205, XXII, 367, XXIII, 96. See also Indians: blankets.
- Blaps*, habitat, XVI, 44.
- Bledsoe, Col. Anthony, in Holston settlement, III, 61.
- Bledsoe, Isaac, in Bledsoe's Lick (Tenn.), III, 60, 61.
- Bledsoe's Lick (Tenn.), A. Michaux in, III, 17, 104.
- Bledsoe Station (Tenn.), A. Michaux in, III, 60, 61.
- Bleeker, Anthony, publisher, XVIII, 27, 28.



- Blennerhassett, Harman, IV, 129, 148, 320; home, 128-130; joins Burr, XXVI, 77; in Mississippi, IV, 130, 320, 347, 348; endorsed by Cummins, 350.
- Blight (flower), III, 239.
- Blinkhorn, —, marriage of, XI, 121.
- Bliss, H., *Colonial System*, XXIX, 55.
- Block House (Ky.), emigrant road, III, 225.
- Blood (Kahna, Kaenna) Indians, origin of name, XXIII, 95; stock, XXIX, 359; physique, XXIII, 97; characteristics, 96, 111, 134; occupations, 109, 162; hostility, 128, 131, 139-141, 143, 154, 159, XXIV, 50; intertribal relations, XXIII, 142, 164, XXVIII, 17, XXIX, 359, 362; relations with whites, XXIII, 82, 83, 91, 92, 135; missionaries, XXIX, 358-360; Maximilian, XXIII, 136; at Fort Mackenzie, 126, 157, 162; treaty with fur company, XXIV, 317. See also Blackfeet.
- Bloodhounds. See Dogs.
- Blood-root (*sanguinaria canadensis*), III, 334.
- Bloody Chief, Nez Percé chief, XXX, 231.
- Bloody Pond, Mohawk fight at, II, 204.
- Bloody Run (Pa.), described by Flint, IX, 72, 73; Welby, XII, 192, 195; Indian massacre, IV, 60, XII, 192; sketch, IV, 60, IX, 64.
- Bloomfield, Robert, poet, XI, 130.
- Bloomfield (N. Y.), Evans in, VIII, 129; Buttrick, 42.
- Bloomington (N. Y.), Schmidt in, XXII, 58, 59.
- Blooming Grove (Ky.), A. Michaux in, III, 84.
- Bloomington (Ind.), college in, XXII, 179.
- Bloomington (Ohio), described, IX, 310.
- "Blossom," on Columbia River, XXIX, 131.
- Blount, Gov. William, Tennessee pioneer, III, 18, 59; governor, 93, 275; relations with A. Michaux, 95-97, 275; with Cherokee, XVII, 22.
- Blountsville (Ky.), in Cumberland valley, III, 84, 85.
- Blue-bells, described, XXVII, 255.
- Bluebirds (*sylvia sialis*), migration, XXII, 127; habitat, 195, XXVI, 355; observed by Long's expedition, XV, 320, 326; Maximilian, XXII, 74.
- Bluefinches, observed by Maximilian, XXII, 386.
- Blue fins (*coregonus nigripinnis*), abundant, VIII, 221.
- Blue-flowers (corn-flower), III, 239.
- Bluejay (*corvus cristatus*), observed by Long, XV, 322, XVI, 125; Bell, 253.
- Blue Licks (Ky.), IV, 174, 176, IX, 127; origin of name, 128; described, XII, 218; invalids, IV, 175; in Revolutionary War, 175; battle, 125, 177, 197, XI, 187, XIII, 70, XVIII, 30; Hulme at, X, 68; sketch, 68.
- Blue Mills (Mo.), rivalry with Independence, XXIV, 116.
- BLUFFS: explained by Bradbury, V, 69.
- Alton, view from, XXVII, 22.
- Alum, location, VI, 165.

- Black, on Missouri River, VI, 148.
- Calumet, VI, 166; described by Maximilian, XXII, 281; site, 282.
- Charbonnière, XXVI, 276.
- Chester, view from, XXVII, 22.
- Chickasaw, VIII, 303, XIII, 106; geology, 102, 298, 300; earthquake, V, 209; similar to Pine Bluff, XIII, 139, 141; fort, XXVII, 39; De Soto at, XIII, 320; French, 361; Bradbury, V, 201, 209; Nuttall, XIII, 81, 82, 84, 86-88, 297; Indians, VIII, 310.
- Cobell, location, VI, 165.
- Copperas, location, VI, 165.
- Cornice, site, XXVII, 99; described by Flagg, 109.
- Council (Nebr.), height, XIV, 222; described, VI, 78, 79, XIV, 229; astronomical observations, VI, 165.
- Council (Two Sisters), on Columbia River, VII, 147, 149.
- Ellis's, described, XIII, 306.
- Floyd's, location, VI, 85, 165; origin of name, V, 91.
- Fountain, described, XXVI, 88.
- Grafton (Ill.), cavern in, XXVI, 295; view from, XXVII, 22.
- Hot (Burning), described, VI, 88, 101, 166.
- Iron Eye (L'œil au fer), on Missouri River, VI, 76.
- Pawnee Medicine, described, XV, 141.
- Piasa, in Illinois, XXVI, 276; tradition, XXVII, 36.
- Pine, early settlers on, XIII, 140; described by Nuttall, 139, 141.
- Pine, No. 1, metifs on, XIII, 289.
- Pine, No. 2, Nuttall on, XIII, 140, 289.
- Pine, No. 4, Nuttall on, XIII, 288.
- Pine, No. 5, described by Nuttall, XIII, 143.
- Pine, No. 6, described by Nuttall, XIII, 146.
- Prud'homme, now Chickasaw, XIII, 361.
- Randolph, fur-trading post near, XXVII, 135.
- Scott's, location, XXX, 278; origin of name, XXI, 179, XXX, 57; Townsend at, XXI, 179; Palmer, XXX, 57.
- Sepulchre, plants near, V, 318, 319.
- Shield's, described, XVII, 25.
- Sulphur, Bradbury at, V, 190.
- Two Sisters, named by Astorians, VII, 147.
- White Bear, named by Lewis and Clark, XXII, 282.
- Bluffs (Okla.), site, XVI, 285.
- Blumenbach, Prof. Johann Friedrich, influences Maximilian, XXII, 10; natural history collector, 173, 177, XXIV, 87; on American Indians, XV, 68, 69, XXIII, 256, 284; *Handbuch der Naturgeschichte*, XXII, 222.
- Blythe, Rev. James, college professor, IV, 184.

- Boaz, Franz, cited, XXIX, 149, 182.
- Boat Encampment, location, XXIX, 36, 49, 78, 261, 263; De Smet at, 261, 263, 266; Warre and Vavasour, 194.
- Bocanegra, José Maria, Mexican minister, XX, 235, 236.
- Bodega, Russian settlement, XVIII, 283.
- Bodmer, Carl (Charles), biographical sketch, XXII, 11, 12; with Maximilian, 17, 101; at New Orleans, 13, 197; hardships, 261, 262, 339, XXIV, 54; disappointment, XXII, 52; accidents, 12, 126, 128, XXIII, 210, 211; illness, XXII, 136; hunting, 334, XXIII, 43, 48, 62, 64, 192; kills rattlesnake, 28; muskrat, XXIV, 95; discovers fossils, XXIII, 60; excursions, XXII, 331, XXIII, 32, XXIV, 20; to Alleghanies, XXII, 87; visits Indian festivals, XXIV, 35, 74, 75; adventure, 14; at Fort Lookout, XXII, 301, 303; engravings, 19, 20; sketches mentioned, XXIII, 12, 24, 28, 32, 35, 41, 43, 46, 49, 52, 54, 65, 69, 78, 80, 166, 176, 196, 213, 246, 271, 340, XXIV, 15, 34, 36, 44, 77, 92, 129, 321; of Niagara, 173; draws Indian portraits, XXII, 12, 79, 80, 103, 114, 124, 126, 189, 222, 223, 237, 248, 257, 258, 272, 282, 283, 307, 311, 327, 329, 345, 363, 366, 367, 383, XXIII, 17-19, 70, 131, 134, 136, 142, 143, 152, 155, 158, 160, 165, 200, 202, 203, XXIV, 48, 62, 68, 69, 72, 79, 94, 106, 112; plates accompanying Maximilian's *Travels*, XXV.
- Bodmer, Henri, painter, XXII, 11.
- Bæbera glandulosa*, observed by Nuttall, XIII, 78.
- Boggs, —, Presbyterian minister, IV, 84.
- Boggs, Lilburn W., governor of Missouri, XX, 98, XXVIII, 50; creek named for, XXII, 242.
- Bogy, Charles, fur-trader, XIII, 227, 234, 255, 260, 277; in Arkansas Post, 105, 108; among Osage, 249; described by Nuttall, 106.
- Boilers, as equipment, XXX, 259.
- Bois Broulé. See Bottoms.
- Bois d'arc. See Arrow-wood.
- Bois de Vache. See Hunters: Fuel.
- Boisbriant, Pierre Dugué, Illinois land grant, III, 70; constructs Fort Chartres, 71.
- Boise (Idaho), location, XXI, 249, XXVIII, 321, XXX, 98.
- Boise Barracks. See Forts: Boise.
- Boismont, Sieur de. See Vényard, Etienne.
- Bojanus, Ludwig Heinrich, prints, XXIII, 173.
- Bolduc, Rev. John Baptiste, missionary labors, XXIX, 133, 142, 147, 150, 151, 153, 154; on Vancouver Island, XXIV, 147-152; Whidbey, XXIX, 152-154; Willamette River, 135; manages college, 181; journal, 222; letter to Cayenne, 145-155.
- Bolivar, Gen. Simon, Venezuelan soldier, XI, 112.
- Bolivar (Ohio), Maximilian in, XXIV, 156.
- Bolland, P. Jean, Jesuit, XXVI, 170.
- Bollandists, Jesuit commission, XXVI, 170.
- Boller, H. A., *Among the Indians*, XXIII, 324, 345, 362, XXIV, 35.
- Boltinghouse Prairie (Ill.). See English Prairie.
- Bomazeen, Abnaqui Indian, XXVII, 68.
- Bombycilla garrula*, habitat, XXIV, 44.

- Bonak Indians. See Bannock.
- Bonaparte, Charles Lucien, ornithologist, XXII, 19; drawings, XXIII, 213, XXIV, 170; son, XXII, 39; *American Ornithology*, 39.
- Bonaparte, Jerome, in Chesapeake Bay, IV, 294.
- Bonaparte, Joseph (Count de Surveilliers), in Bordentown (N. J.), XI, 159, XII, 79, 171, XXII, 65, 66; resources, XII, 79; daughter, XXII, 39; described by Welby, XII, 171.
- Bonaparte, Napoleon, X, 182, XII, 48, XIV, 76, XVI, 43, XXII, 39; sells Louisiana, XXI, 22.
- Bonassus, meaning of term, XIX, 140.
- Bond, Shadrach, founds Cairo (Ill.); XXII, 204.
- Bond, William Key, in Chillicothe (Ohio), X, 70.
- Bonduc tree. See Coffee-tree.
- Bone Bank (Ind.), human bones on, XXII, 177.
- Boneators, observed by Buttrick, VIII, 22.
- Boneset, *eupatorium caelestinum*, XXII, 159; *perfoliatum*, XIII, 244; *purpureum*, XXII, 88.
- Bon Homme (Mo.), location, XIV, 149.
- "Bonhomme," McDonald in, V, 247.
- Bonhomme County (S. Dak.), creek in, XXII, 290.
- Bonilla, Francisco Leyva, expedition into New Mexico, XIX, 260.
- Bonitas (fish), VI, 209.
- Bonito, pueblo of, described, XX, 69.
- Bonne, Joseph, on Arkansas River, XIII, 139; at Pine Bluff (Ark.), 140.
- Bonnécamps, Joseph Pierre de, on Ohio River, I, 24.
- Bonneville, Benjamin Louis Eulalie de, sketch, XX, 267; as fur-trader, VI, 274; character, XXI, 203, 204, 271; expeditions, XXVII, 243, 244, XXVIII, 9; sends out Walker, 113, XXX, 70; employé, 40; meets Wyeth, XXI, 203; relations with Cerré, 184; at Walla Walla, 280; Fort Howard, XXVI, 138; relations with Indians, XXI, 209, 264; describes, XX, 291, XXII, 219; measures Rocky Mountains, XXVII, 213; name inscribed, XXI, 184; lake named for, 199; cited, XX, 267, XXIII, 90, XXIV, 222, 228 (see also Irving, Washington, *Rocky Mountains*).
- Bonnhorst, — von, in Pittsburg, XXII, 139.
- Bonpas (Ill.), trading-post, XII, 260; Welby in, 257; Woods, X, 259, 312, 328; population, 259.
- Bonpasbridge (Ill.), described by Woods, X, 272; militia in, 311.
- Bonpas Prairie (Ill.), described by Woods, X, 271.
- Bonpland, Aimé, botanist, XIV, 154, XVI, 155; sketch, XIV, 155.
- Book-binders. See Trades.
- Book-keepers. See Trades.
- Books, copyrighted, VIII, 96, 98, XIII, 25, XIX, 22; as supply, XXII, 235; equipment, XIV, 44, XV, 192, XIX, 260; article of trade, 131, XXIV, 123; needed in Oregon, XXX, 219; lost, VII, 240; titles, IX, 153; among backwoodsmen, 153, XX, 61; in Cincinnati, XXIV, 144; in Nez Percé language, XXX, 236. See also Education, Libraries, and Newspapers.
- Book-stores, stock, XXIV, 123; unpopularity, 137; scarce, X, 109, 143; advertisements, IX, 153; in Boston, XI, 60; Cincinnati, XXIV, 144; New Orleans, XIII, 316; Philadelphia, XXII, 70.
- Boone, Daniel, pioneer, IV, 156, X, 126, 339, XIV, 169, XX, 213, 244, XXVI, 215, 216, 231; rescues

## BOONE (continued)—

- Indian captives, XI, 222; in Lower Blue Licks (Ky.), IV, 175; in Missouri, V, 43, 52, VI, 36, XI, 221, 263, XII, 212, XVIII, 11, XXVI, 281, 282; in War of 1812-15, XI, 220; places named for, XXI, 134, XXVI, 280, 281; discovers Boone's Lick, V, 52; character, XI, 221, 222; quoted, XIV, 169; son, XV, 171, 176; grandchildren, V, 47, XIV, 133, XX, 98; meets Bradbury, V, 15; Coburn, IV, 169; raises Van Bibber, XV, 174; narrative, XXVI, 232; sketch, V, 43, XI, 222.
- Boone, Jemima, captured by Indians, XI, 222.
- Boone, Jesse, judge, IV, 156.
- Boone, Morgan, in Boone's Lick, V, 52.
- Boone, Moses, on Blue River, IV, 262.
- Boone, Nathan, merchant, VI, 48; in Missouri, IV, 156, V, 52; explorations, XX, 212, 244; journal, 244, 245; sketch, 213.
- Boone, Squire, on Blue River, IV, 262.
- Boone, Susan, daughter of Daniel, XV, 174.
- Boone County (Mo.), XIV, 146; organization of, XXVI, 280, 281; river in, VI, 47; seat, XXI, 133, XXX, 33; settlement, XV, 177.
- Boone County (Nebr.), creeks in, XV, 203.
- Boone's Lick (Mo.), origin of name, XI, 221; settlement, XIV, 150; population, V, 52, XVII, 119; Bradbury and Brackenridge in, V, 195; Nathan Boone, VI, 48.
- "Boone's Lick," steamboat, XXIV, 131.
- Boone's Lick County (Mo.), seat, XIX, 188; in War of 1812-15, XXVI, 280.
- Boonesborough (Ky.), first Transylvania legislative assembly in, III, 243; settlement, IV, 174; Boone in, XI, 222.
- Boonesburg (Pa.), Faux in, XII, 22.
- Booneville (Colo.), location, XVI, 53.
- Booneville (Mo.), location, XIV, 150, 162, XXII, 244; carbonate of lime in, XIV, 150; road, XXI, 133; Maximilian in, XXIV, 122; Palmer, XXX, 33; Townsend, XXI, 134; Wyeth, 14, 89; population, XIV, 150, XXI, 89, 134.
- Boots. See Clothing.
- Bordenton (W. Va.), situation, X, 229.
- Bordentown (N. J.), location, XII, 79, XXII, 62; landing place, XXV, 2; Allison in, XII, 56; Joseph Bonaparte, XI, 159, XXII, 65, 66; Maximilian, 65, 68, 69, XXIV, 191; Welby, XII, 170, 171.
- Boreman County (S. Dak.), river in, XXIV, 87.
- Borya acuminata* (*forestiera acuminata*), observed by Nuttall, XIII, 70.
- Bosc, Louis Augustin Guillaume, zoologist, III, 189, XVI, 40.
- Bosson, —, in Cincinnati, X, 41.
- Bossu, N., *Nouveaux Voyages aux Indes occidentales*, XXII, 219.
- Boston, described, XI, 56, XXII, 41-49; viewed from Bunker Hill, 47; character of inhabitants, XII, 198, XXI, 41, 94, 102; population, XXII, 41; battles near, I, 147; evacuation, XI, 53; terminus, III, 255, 313, VIII, 110, XXI, 80; as a port, IX, 115, XI, 48, 49, 62; lighthouse, XXII, 40, XXV, 1; wharf, XXII, 41; shipyards, VI, 197; vessels in, 185, VII, 262, VIII, 21, 39, IX,



- 46, XI, 45, 53, XII, 134, XIII, 15, XVIII, 228, XXI, 299, 335; battle in harbor, VIII, 241; merchants, VI, 287, VII, 162, 235, 251, XXI, 27, 113; prices, 261; traders from, 45, 57; physicians, VIII, 89; lawyers, XII, 197; booksellers, XI, 60; shoemakers, XXI, 75; theatres, XXII, 49; newspapers, XXI, 32; "Old Cornhill," XXVII, 30; Young Men's Education Society, XXI, 24; mayor, XI, 57; negroes in, IX, 37, XI, 39, XXII, 54; Oregon expedition in, XXI, 23, 31, 34, 36, 61; Captain Ayers, VI, 293; Rev. Edward Beecher, XXVI, 304; Captain Bradshaw, XVIII, 252; Buckingham brothers, XXI, 100; Tilly Buttrick, VIII, 21, 89; Doctor Clarke, X, 157; Captain Cooper, XVIII, 291; Benjamin Dearborn, IV, 81; Father de Smet, XXIX, 293; Estwick Evans, VIII, 349, 364; William Faux, XI, 13, 54, 55, 60; Bishop Fenwick, XXVII, 68; Thomas Flagg, XXVI, 9; Ebenezer Fox, VI, 195; Fry, IV, 126; William Gray, XI, 47; Horace Holley, XIX, 101; Reverend Keeling, XI, 61; Hall J. Kelley, XXI, 24, 25, 81; Joseph Lancaster, XI, 107; Maximilian, XXII, 11, 12, 65, 69, 72, 126, XXIII, 23; Thomas Nuttall, XIII, 15; Doctor Osgood, XI, 67; Dr. Benjamin Shurtleff, XXVI, 204; Capt. William Smith, VI, 287; Kasper Spurzheim, XXI, 165; Thompson, XII, 122; Whittemore, X, 66; Captain Wise, XI, 33; Jacob Wyeth, XXI, 30; Nathaniel Wyeth, 11, 12, 92, 97, XXVIII, 306; relations with Charleston, III, 122; compared with New Orleans, XXI, 95; Franklin's bequest, XII, 174; museums and collections, III, 361, XXII, 49, XXVII, 30; *Independent Chronicle*, IV, 220.
- Boston, Indian name for traders, XXVIII, 360.
- Boston, Chinook chief, XXVIII, 360, 364.
- "Boston," steamboat, XXI, 121, XXII, 54.
- Botanical gardens, Trianon (France), III, 129; Harvard College, XIII, 14; Liverpool, V, 197; New York, III, 12, 166; Philadelphia, 97, 132; South Carolina, 100, 123, 124.
- Botanists, III, 14; vicissitudes of, 125; in Kentucky, 41; Lancaster (Pa.), 135, 136; New York, 126; Philadelphia, 97, 131; St. Louis, V, 9; with Long, IX, 164, XIV, 11, 41; needed in Middle West, XI, 207.
- Botany, IV, 128, 281, XII, 125; collections, III, 69, XXII, 9, 79; catalogue of, V, 317-320, XIV, 154; aquatic, XXII, 79; Carolina, III, 38; European, XXII, 48, 78; Mexican and Alpine, VI, 101; east and west of Alleghanies, III, 230; northern and western, XIII, 90; studied by Bradbury, V, 14; De Smet, XXIX, 162; Long XIV, 24, 35, 36; A. Michaux, III, 11, 13, 69; Maximilian, XXII, 47; Nuttall, XIII, 13; Ogden, XIX, 75; Sargent, III, 16; Willard, XVIII, 334, 336; United States Herbarium *Contributions*, XX, 157. See also Flora, Flowers, and the several species and varieties.
- Botetourt, Norborne Berkeley, Baron, governor of Virginia, III, 48.
- Botetourt (Va.), county seat, III, 48, 52.
- Botocudo Indians, Tapoyan tribe, XXII, 219; skulls, 220; physiognomy, 219, XXIV, 38; color, XXII, 220; resemble Minitaree, XXIII, 368; affinity with North American tribes, 97; amulets, 382.
- Botrychium obliquum*, observed by Nuttall, XIII, 90.
- Bottles, Indian, XIII, 87, 259, XIV, 301; New Orleans market, III, 158.
- BOTTOMS: described, XIV, 101, XVII, 92, 112, 113, XXVI, 346; coral, VI, 211; healthful, V, 311; unhealthful, X, 326, XVII, 24; soil, XI, 139, XII, 16, XIV, 102, XVI, 222, 237, XVII, 109; plants, V, 317-319; cane-brakes, X, 138, XX, 254; cotton, IV, 352; timber, XVII, 114, 116; bow-wood, XX, 254.
- Allegheny River, XIV, 54.
- American (Ill.), origin, XXVII, 109; geology of, XXVI, 276, XXVII, 107, 109; extent, 106;

## BOTTOMS (continued)—

site, XXVI, 103; Indian mounds, 184, 188, XXVII, 116; boundary, XXVI, 120, 256, XXVII, 110; bluffs, XXVI, 262, XXVII, 22; coal beds, V, 247; settlements on, XXVI, 200, XXVII, 40, 107; viewed from St. Louis, 152; from Ste. Geneviève, 96; inundated, XXVI, 97, 149; Flag on, 12, 94, 181, 255, XXVII, 28; described, XIV, 101, XIX, 57, 58, 62; Trappists on, XXVI, 193; productions, XXVII, 115; described by Long, XVII, 113, 114; sketch, XIX, 62.

Arkansas River, XVI, 19, 32, 44, 74, 75, 189, 252, 257, XVII, 58, 83, 85, 139, XVIII, 71, XXVIII, 304.

Barrel Creek, Palmer's party on, XXX, 97.

Bayou Menard, XVI, 285.

Bear River, XXX, 76, 77, 79, 82.

Big Prairie, on Mississippi River, IV, 297.

Big Sandy River, XXX, 72.

Black Fork, XXX, 73, 75.

Black River, XVIII, 130.

Blue Earth Creek, XIV, 203.

Bois Broulè, location, XVII, 122; size, XIV, 98.

Brulé, fort on, XXIII, 87.

Buffalo, I, 132.

Cache River, XVII, 92.

Canadian River, XVII, 141, 142, XX, 115.

Chariton, described, XIV, 159, 160.

Chenai au Barre, described, XIV, 159, 160.

Clackamas, width, XXX, 155.

Colorado River, XVIII, 193, 205.

Columbia River, XXVIII, 377, 378, XXIX, 88, XXX, 115, 205-207.

Cumberland River, III, 18.

Dillon's (Ohio), Dilly in, IV, 116.

Gila River, XVIII, 87-89, 94, 103, 131.

Grand River, described, XIV, 159, 160, XV, 185.

Grande Ronde, advantages for settlements, XXX, 106, 109.

Great Bear River, XXVIII, 289.

Green's, IV, 150, 162, 166.

Green River, XXX, 73.

Hancock, on Missouri River, VI, 48.

Hurricane (Ill.), described, XXVI, 246.

Illinois River, XVII, 114, XXVI, 126, 239, XXVII, 100.

Indian Wheeling River, IV, 233.

Indiana, XIX, 67, 71.

Jones's, on Ohio River, IV, 140.

Kansas River, XVII, 139.

- Kaskaskia River, XVII, 114; fertility, XXVII, 24; abandoned settlements, 25.
- Kiskiminitas Creek, I, 246.
- Little Bear River, character, XXVIII, 238.
- Little Miami River, IX, 301.
- Loyalhanna Creek, I, 244, 245.
- Membres River, XVIII, 176.
- Mercer's, settlement, IV, 150.
- Messer's, on Ohio River, XIII, 57.
- Miami, described, XIV, 159, 160.
- Mingo, I, 128, IV, 108.
- Mississippi River, IV, 312, 313, 350, 351, XVII, 113, 114, 117, 118, 120, XXVI, 110.
- Missouri River, VI, 34, 36, 39, 45, 47, 49, 50, 52, 70, 71, 78, 81, 84, 102, 104, 105, 108, 133, 140, 147, 150, 151, XIV, 136, 146, 149, 158, 165, XV, 170, 188, 215, XVII, 117, 118, XIX, 282, XXVI, 269, 274, XXVII, 226.
- Molalla River, XXX, 178.
- Monongahela River, IV, 252.
- Muscleshell Creek, XV, 199.
- Muskingum River, I, 124.
- Neosho River, XIX, 197.
- Ohio River, I, 127-130, 134, 135, III, 175, 350, IV, 106, 118, 120, 122, 131, 140, 142, 167, 168, 205, 214, 219, 221, 256, 275, IX, 92, 93, 101, 102, 106, 109, 122, 157-159, 283, X, 38, 222, 223, 239, XII, 16, XIII, 53, 54, XIV, 44, 85, XVII, 115, XIX, 77, XXVI, 56; on tributaries of, XVII, 106.
- Osage River, XIV, 144.
- Park's, Indian mounds on, XIII, 56.
- Platte River, XV, 258, XVII, 136, 138, XXX, 46, 47, 249.
- Potomac River, XII, 97.
- Powder River, XXX, 104.
- Red River, XVII, 62, XVIII, 132, XX, 256.
- Rio del Norte River, XVIII, 75, 76, 86, 156, XX, 151, 155.
- Rock River, XVII, 114.
- Round (Ohio), Crawford on, IV, 116.
- Sandy River, XXX, 152, 247.
- Sangamon River, XXVI, 320.
- Scioto River, I, 133, 134, IV, 226, IX, 118, 119, X, 70.
- Skipanon River, XXX, 198.
- Snake River, XXX, 87, 96-98.
- Strawberry River, XVII, 35.
- Sugar-tree, described, XIV, 159, 160.
- Susquehanna River, IX, 66.
- Sweetwater River, XXX, 69.
- Tabeau, described, XIV, 159, 160.

## BOTTOMS (continued)—

- Tennessee, III, 60.  
 Titesaw, described, XIV, 159, 160.  
 Tyawapata (Tiwapaty, Tyawapata, Tyowapity, Tywappaty), on Ohio River, XIV, 86, XVII, 122, 226; argil on, 225; Long on, XIV, 94; Flagg, XXVI, 88; sketch, XIV, 95.  
 Wabash River, I, 137, 140, 144, 149, XVII, 114.  
 Walkarusa River, XXX, 36.  
 West Virginia, IV, 95.  
 Wheeling Creek, IV, 236.  
 White River, XI, 212, XVII, 28.  
 Willamette River, XXX, 172, 174.  
 Willow, on Mississippi River, IV, 288.  
 Yellowstone River, XXVII, 226.  
 Boucher, —, tavern-keeper, VI, 385.  
 Boucher, Jean Baptiste. See Niverville.  
 Boucherville, — de, *Narrative*, VI, 310.  
 Bouchette, Joseph, map, XVII, 176.  
 Bougainville, Louis Antoine de, French officer, II, 87; cited, V, 67, XXIII, 253, 269.  
 Bougie, Charles. See Bogy.  
 Boulard, Michel, Canadian voyageur, VII, 126, 199, 200.  
 Boulton House Prairie. See English Prairie.  
 Boun, —, metif, XIII, 289.  
 Boundaries, United States, international, XIV, 37, 41, XV, 140, XVIII, 87, XXIII, 46, XXIV, 165, XXIX, 203.  
 Bounties, on scorpions, XX, 165; wolves, VIII, 126; capturing murderers, IV, 268; ransoming captives, XX, 129, 130; malicious cattle shooting, XI, 258.  
 Bouquet, Gen. Henry, builds Fort Burd, III, 158; in Fort Pitt, I, 101, 147, 181, 282-284; Fort Bedford, 241; Fort Ligonier, 286; Loyalhanna, 284; assisted by Hutchins, XXI, 39; in French and Indian War, IV, 243, 345, IX, 78; in Pontiac's War, I, 85, III, 40; land owner, IV, 93; sketch, I, 282, 283; *Expedition against Ohio Indians*, 283.  
 Bourassa, Joseph, Indian missionary, XXIX, 23, 230, 249.  
 Bourbon County (Ky.), county seat, III, 37, 198, IX, 129; Garrards in, IV, 179; Miller, III, 198.  
 Bourbonnais, Augustin, trapper, XXIII, 151.  
 Bourgeois, significance of term, II, 75, XXI, 183; attitude, II, 143, 144.  
 Bourgmont (Bourmont, Bournion), Sieur de. See Vényard, Etienne.  
 Bourgua, —, Canadian oarsman, XXIV, 84.  
 Bourne, Prof. Edward G., *Career of Hernando de Soto*, XXVI, 231, XXVII, 44; *Marcus Whitman*, XXI, 352.  
 Bourne, Capt. John G., expedition against Abnauqui, XXVII, 66; *Snake Dance of the Moquis*, XVIII, 130, XX, 60.  
 Bout de l' Isle, Indian mission, II, 58.  
 Bover, Andrew W., in Philadelphia, XXII, 125.

- Bowden, Joel, tavern-keeper, IV, 151-153.
- Bowdoin College, *Library Bulletin*, XXVI, 11; *Librarian's Report*, 11.
- Bowen, B. F., *Welsh in North America*, XXIII, 366.
- Bowen, Daniel, founds Columbian Museum, XXII, 49.
- Bowlegs, Seminole chief, VIII, 172, XXVIII, 130.
- Bowls. See Furniture.
- Bowman, Jacob, in Brownsville, IV, 101; at Licking River, 256.
- Bowman, Lieut. James Monroe, with Gregg, XX, 107, 119, 127; speech to Comanche, 126; sketch, 107.
- Bows, Spanish, XVIII, 74. See also Indians: Weapons.
- Bow-wood (*maclura aurantiaca*), XIII, 168, 216, 220, XV, 77, XVI, 170, 171, XXIV, 47, 52.
- Bowyer, John, Indian agent, XXVI, 138.
- Box, American, hop hornbeam (*ostrea virginica*), on Kiamichi River, XVII, 77.
- Boxelder (*acer negundo*), habitat, XIII, 110, XV, 294, XVI, 66, XVII, 115, 143; abundant, XXIV, 110; observed by Nuttall, XIII, 233; pipes of, XXIII, 307.
- Boyd, —, printer, IV, 252.
- Boyd, Rev. —, Bedford (Pa.), IV, 65.
- Boyd County (Ky.), XXII, 154.
- Boynton, Asa, founds Haverhill (Ohio), IV, 157.
- Bracelets, worn by Indians, V, 134, XX, 330, XXII, 327, 359, XXIII, 369, XXVII, 200, XXIX, 392; as present, VI, 332; brass, XXII, 224; polished steel, XXIII, 263; hammered copper, XXIV, 148. See also Indians: Ornamentation.
- Brachyris*, new species, observed by Nuttall, XIII, 263.
- Brachystemum*, narrow-leaved, XIV, 156.
- Bracken County (Ky.), establishment of, XVIII, 30; seat, IV, 172, IX, 148, XIII, 61.
- Brackenridge, Henry Marie, life, VI, 9-12; accompanies Lisa up Missouri, V, 117, 167, 179, 183, VI, 10, 31-107; joins Bradbury, V, 120, VI, 99; accompanies, V, 135, 185, VI, 107, 146-152; mediates between parties, V, 122, 128, 129, VI, 106, 107; among Sioux, 97, 98; Arikara, V, 132, 172, VI, 111-132, 142-146; Mandan, V, 160-162, VI, 136-142; Minitaree, V, 164, 165, 182; return voyage, 183, VI, 146-152; explores shore, V, 11, VI, 74-78, 85, 91, 92, 105, 109, XXII, 9, 237; falls overboard, VI, 93; hunting, V, 121, VI, 23, 49, 52, 56, 68, 75, 76, 91, 96, 98, 102, 109; encounters storm, V, 155, VI, 149; at frontier forts, 58, 59, 151, XXII, 242, XXIII, 217; St. Louis, VI, 30, 151; New Orleans, V, 212; astronomical observations, VI, 138, 164; views on agriculture, V, 267; ignorance of natural history, VI, 100; mentions plant, XV, 312; *Gazette Publications*, IV, 92, 244; *History of Late War*, VI, 10, 11; *History of Western Insurrection in Western Pennsylvania*, 9; *Lines on a Maniac*, 42; *Journal*, 9-166; cited, 268, XII, 49, XIV, 160, 165, 182, 233, XVIII, 38, 40, 345, XIX, 178, 195, XX, 246, XXII, 260, 265, 267, 277, 345, 369, XXIII, 68, 69, 97, 352, 386, 387, XXIV, 201, XXVI, 280, XXVIII, 145; *Views of Louisiana*, VI, 10, 11, 23, 24; cited, V, 52, VI, 153, XIII, 352, XVI, 20, 321, XVII, 41, XXIII, 301, 347, XXVI, 193, XXVII, 50, 56, 70; *Voyage to South America*, VI, 11.
- Brackenridge, Hugh H., III, 28.
- Bradberry, Capt. —, in New Orleans, IV, 366.
- Bradbury, George, drowned, XX, 97.



- Bradbury, John, philanthropist and naturalist, V, 35, VI, 10, 64, 101, 105, 128, 140, 146, 147; life, V, 9-15; tour across Alleghanies, 272-316; at St. Louis, 25, 35, 36, 43, XIV, 111, 112; joins Astorian party, V, 36, 142; supplies and equipment, 76, 78, 80, 85, 144, 146, 149, 168; hardships met, VI, 149; among Osage, V, 63, 64; Oto, 75, 76, 91; Omaha, 86-89; Sioux, 107; Arikara, 115, 131-134, VI, 116; Mandan, V, 151, 152, VI, 132-138; Minitaree, V, 164, 165 at frontier posts, 61-66, XXIII, 217; accompanied by Nuttall, XIII, 12; meets Daniel Boone, VI, 36; John Colter, V, 44-46; Brackenridge, VI, 99; relations with Lisa, V, 122, 128, 167 179, VI, 107; explores banks of Missouri, V, 41, 48, 72, 73, 88, 93-95, 111, 118-123, 132, 140, 141, VI, 109; encounters storm, V, 51, 52, 83, 84, 127, 187, 188; hunting, 54, 55, 84; swimming, 44; pursued by skunk, 53-56; robbed, 181, 182, 199; encounter with Indians, 95, 96, 166; medicine man, 182; on Western rivers, XIII, 46, XXII, 9, 237, 291; botanical collections, V, 10, 11, 135, 138, 139, 161, 165-168, 172, 179, 182, 183, 185, 195-198, XXIII, 243, 245; packed, V, 167; natural history notes, VI, 108, XIV, 124, XVI, 83; advice to emigrants, V, 298-314; illness, 196, 197; return to New Orleans, 25, 199-212; experience with Chickasaw, 201, 202; in earthquake, 204-209; *Travels*, 13, 15, VI, 10, 189, 268, 271, 276, 284, 340, 343, 371, XIII, 11, XV, 227; reasons for publishing, V, 26, 27; popularity, 29; appendix, VI, 153; cited, V, 11, VI, 27, 40, 61, 63, 66, 76, 77, 95, 99, 100, 114, 132, 140, VII, 38, 39, 41, 173, 186, 189, 195, 221, 222, 265, VIII, 59, 284, IX, 59, 157, 248, X, 39, 239, XI, 170, 222, XII, 52, XIII, 46, 57, 63, 73, 116, 183, XIV, 64, 111, 127, 128, 137, 160, 169, 176, 200, 220, 221, 241, 258, 317, XV, 63, 91, 97, 133, 141, 174, 223, 238, 246, XVI, 78, 92, 265, 274, 276, XVII, 41, 68, 69, XVIII, 31, 43, 49, 55, 138, 141, 142, 366, XIX, 42, 183, 221, XX, 243, 337, 340, XXI, 125, 145, 152, 163, 192, 347, 357, XXII, 34, 217, 241, 246, 249, 258, 259, 267, 277, 296, 302, 306, 335, 365, XXIII, 241, 243, 256, 275, 282, 313, 376, 387, XXIV, 89, 105, 119, XXVI, 215, 264, 281, 283, XXVII, 136, 138, 145, 147, 148, 150, 170, XXVIII, 57, 264, 266.
- Braddock, Gen. Edward, in French and Indian War, I, 73, 88, 97, 98, 147, 180, 191, 195, 238, 295, 311, II, 63, III, 155, 328, 338, 365, IV, 60, 243, VIII, 173, 254, X, 79, XIX, 29; defeat, I, 12, 186, VIII, 229; grave, XI, 166.
- Braddock (Pa.), origin of name, IV, 243.
- Braddock's Field (Pa.), situation, III, 338; origin of name, 338, XIX, 29; in Whiskey Rebellion VIII, 254.
- Bradford, David, in Maryland, IV, 358, 359.
- Bradford, John, founds Lexington (Ky.) newspaper, III, 200.
- Bradford, Maj. William, commands Fort Smith, XIII, 13, 197, 198, 206, 217, 227, XVI, 186, 187, 191; on Sallison River, XIII, 231; meets Long, XVI, 187; camp, XIII, 217, 218; roads used by, 227; in St. Louis, XVI, 291.
- "Bradford's Rest," sale of, XII, 57.
- Bradley, —, in Ohio, IV, 210.
- Bradley, Capt. Hezekiah, rebuilds Fort Dearborn, XXVI, 299; *Affairs at Fort Benton*, XXIII, 85, 91.
- Bradshaw, Capt. John, "Franklin" commanded by, XVIII, 235; relations with Pattie, 235-238, 249-253, 258-261, 270; seized as smuggler, 245; in Monterey, 252; relations with Spanish, 247, 259-262.
- Bradstreet, Gen. John, on Lake Erie, I, 301, 324, 326; pardons Godefroy, 302; in Sandusky, 314, 326; letter to St. Ange, 318; in Detroit, 13, 153; duped by Indians, 295; relations with Morris, 295, 307, 309, 326; message to Indians, 154, 155; sketch, 153.
- Brady, Jasper E., speaker of senate, XII, 21.
- Braham & Drope, merchants, XIII, 106.

- Brambles, habitat, XVII, 124; observed by Woods, X, 306; abundant, XXII, 104.
- Branchiopode apus*, described, XV, 233.
- Brandenburg, Col. Solomon, town named for, XXII, 160.
- Brandenburg (Ky.), Maximilian in, XXII, 159.
- Brandy, as a beverage, III, 138, 139, XI, 71, XII, 102, 109, 133, XXII, 76, 106, 116, XXIII, 203, XXVIII, 175; as food, X, 64, XI, 66, 304, XXI, 85; supply, XI, 45, XXII, 235, XXIV, 89; remedy, XI, 90, XXIII, 148, 152; preservative, XXII, 111, 263, 273; use at sea, VII, 49; immoderate use, V, 303; manufacture, III, 269, IX, 255, XIII, 63, XVIII, 350, XIX, 33, XX, 156; price, V, 288, XII, 177; imported, III, 203, XI, 103; scarcity, 211; casks, XII, 155; peach, III, 256, V, 288, X, 337; article of trade, III, 191, X, 337, XVIII, 347, 360, XXIII, 17, XXIV, 100, 111, 112, XXIX, 60. See also Indians: Liquor.
- Brandywine, battle of, IV, 29, 96; Felix Brunot in, 93.
- Brangiere, —, mine promoter, XIII, 151.
- Branie, —, on "Guyoso," IV, 374.
- Brant, Joseph, Mohawk chief, I, 296, II, 44, 48, 54, XII, 49, XXIV, 186; leads Tuscarora, 176; early home, 187; in Revolutionary War, VIII, 122, XXIV, 187.
- Brant County (Ont.), Tuscarora in, XXIV, 176.
- Brascroche, nickname for John McDonald, VII, 249.
- Brasos de Santiago, harbor, XVIII, 363.
- Brass, article of trade, XIV, 307; ornaments, XXII, 325, XXIII, 99-100, 259, XXIV, 52.
- Brassenia peltata*, observed by Nuttall, XIII, 224.
- Brattle, William, town named for, VIII, 107.
- Brattleborough (Vt.), Evans in, VIII, 107, 115; route to Albany (N. Y.), 110.
- Brave, Oto chief, quarrel with Cutnose, XV, 34, 35.
- Bravest of the Brave, Flathead warrior, XXVII, 251.
- Braviara, —, *Altas Major, sive Cosmographia Blaviana, etc.*, XXVI, 169, 170.
- Brazeau, J. E., clerk, XXIII, 188, 189.
- Bread, III, 88, 191, VIII, 292; article of trade, IV, 341, X, 252, XVIII, 286, XIX, 239, 240, XX, 137, XXIV, 113, XXIX, 65; prices, I, 286, IX, 135, XIV, 131; article of barter, I, 290, VIII, 5; of charity, XII, 302, XIII, 321; as gift, I, 203, III, 261, XIV, 285, XXVIII, 347; as food, VIII, 50, 64, 67, 81, 83, 133, IX, 89, X, 211, XI, 75, 288, XII, 162, XIV, 286, XIX, 219, 309, XXI, 51, 124, 125, 367, XXII, 285, XXIII, 11, XXVI, 348, XXVIII, 56, 303, XXX, 57, 144; scarcity, XI, 225, 263, XIII, 83, XV, 245, 262, XVIII, 56, 90, 198, 331, 334, XIX, 239, 252, XXI, 199, XXVII, 400, XXVIII, 72, 236, 320; abundance, XI, 177; how made, XVIII, 358, XXIII, 167, XXX, 147; yeast, XI, 243; in Mexico, XIX, 239; quality, X, 240, XI, 199, 225, 249, XII, 249, XXIV, 50, 64, 76, XXX, 241; baked by Post, I, 283; made of wheat, IX, 161, X, 199, XXIV, 89, XXVI, 324, XXIX, 66; of Indian corn, IX, 161, X, 70, 199, 258, XXII, 193, XXVI, 324; of honey, X, 337; as supply, XI, 45, XX, 193, XXVIII, 346, 374; used as ship biscuit, XII, 157, XV, 179, XXX, 260.
- Bread-fruit, article of trade, VI, 211, VII, 59; Hawaiian food, VI, 221, VII, 64; described by Franchère, VI, 215, 221.
- Breast-plates, of silver, VIII, 66.
- Breast-work Hill (Pa.), camp on, I, 244.

Breccia (puddingstone), resembles sandstone, XVII, 197; beds of, XIV, 83, XV, 306, XVII, 58, 196, 201, 225; abundant, XVI, 67, XVII, 252; strata of, 133; disintegrated, 212; red, XV, 288; white, 302; noted, XVII, 144, XXIX, 76.

Breck, W., aids Wyeth, XXI, 73.

Breckenridge (Colo.), silver in, XXVIII, 218.

Breed's Hill. See Mountains: Hills.

Breeze, Sidney, founds canal company, XXII, 204.

Brehm (Braam), Lieut. Dietrich, on Lake Erie, I, 107; in Detroit, 109.

Breughel, —, artist, XXVII, 247.

Brevel, —, in Santa Fé, XVI, 95; island named for, XVII, 64.

Brewer, Capt. David, with Rogers's Rangers, I, 103; on Cuyahoga River, 107.

Brewers, in Northwest Territory, V, 285; Pittsburg, IX, 84; Wheeling (W. Va.), XI, 171; use adulterations, XII, 315.

Brewster, Sir David, invents kaleidoscope, IX, 44.

Brick, as building material, III, 136, 139, 199, 250, V, 315, IX, 51, 53, 102, 109, 150, 300, 305, X, 64, 107, 189, 191, 199, 201, 214, 223, 224, 227, 230, 241, 271, 313, XI, 249, 252, 264, XII, 217, 222, 236, 237, 257, 262, XIII, 51, XIV, 67, XVIII, 343, 363, XIX, 27, 32, 33, 35, 40, 56, 63, 85, 101, 124, 132, 138, 152, XXII, 53, 62, 63, 131, 138, 140, 149, 164, 199, 211, 239, XXIV, 123, 133, 137, 138, 149, 161, XXVI, 166, 169, 197, 210, 215, 235, 243, 255, 261, 268, 279, 290, 300, 304, 306, 319, 364, 368, XXVII, 33, XXVIII, 163, 173, XXIX, 180, XXX, 174; pavements of, XII, 172, 221, XXII, 130; chimneys, XXIV, 125; manufacture, XIX, 88, XXVI, 302; prices, X, 74, XIV, 148; unburnt, XIX, 253, 334.

Brick Mill (Md.), stables in, X, 201.

Bricklayers. See Trades.

Brickmakers. See Trades.

Bridge, John, voyage to New Orleans, V, 199; in earthquake, 205, 207.

Bridge, Samuel, friend of Bradbury, V, 39, 195, 196.

Bridgeport (Pa.), situation, III, 337.

Bridger, Capt. James, trapper, XXVII, 299; fur-trader, XXX, 74, 78; on Bear River, XXI, 199.

Bridger, Mary Ann, daughter of foregoing, XXX, 113.

Bridges, in new settlements, IX, 302; scarcity, VIII, 54, IX, 253; temporary, XIX, 207; natural, XVIII, 378; of boats, IV, 27; log, VIII, 54, XXVI, 239, 369, XXVII, 116, 371; wooden, IV, 34, 227, IX, 50, 66, 72, 119, 306, XII, 295, XXI, 61, XXII, 62, 78, 116, 125, 199, XXIV, 126, 156, 180; iron, 169; stone, X, 220, XXVI, 360; suspension, XXIV, 174; covered, IV, 27, XXII, 102, 138, 139, 145, XXIV, 154, 187; draw, XXII, 46; foot, 139; toll, IV, 327, 346, XII, 198, 203, XIII, 40, XXII, 89, XXIV, 169; contractor, IV, 173; methods of building, III, 198, 255, XIII, 325, XV, 139, XVIII, 378; taxes for, XII, 120; toll-prices, IV, 27, 30, 101, 228, XII, 198, 203; repaired, XX, 46; carried away, XXI, 132; at Boston, 27, 61; Brownsville, III, 337; Frankfort (Ky.), XII, 222; Goat Island, VIII, 178, XIX, 145; Milford (N. H.), VIII, 105; Pittsburg, 248; Rochester (N. Y.), XIX, 152; on military road, VIII, 209; over Allegheny, XIII, 45, XIX, 28; Beaver Creek, IV, 101; Buffalo, 110, 327; Cayuga Lake, VIII, 127; Connewago Creek, IV, 35; Conestoga, 30; Crooked, 61; Deer, XIX, 133; Delaware, XXII, 89; Erie Canal, XXIV, 178; Hockhocking, IV, 222; Isaac Creek, 167; Juniata, IX, 74; Kentucky, IV, 193; Laurel Hill Creek, 72; Licking, 173, 178, XIX, 37; Little Hockhocking, IV, 13;

- Little Muskingum, 123; Little Piasa Creek, XXVI, 119; Little Wabash, X, 257; Monongahela, VIII, 255, X, 215, XIII, 45, XXII, 139; Mississippi, XIV, 98; Niagara, IX, 317, XXIV, 169; Ohio, XIV, 74; Ohio Canal, XXIV, 153, 157; Paint Creek, 148; Paxton Creek, IV, 39; Raystown, 61; Sawmill Run, 92; Sewickly, 73; Schuylkill, 25-28, XI, 108, XXII, 65; Tobihanna Creek, 106; Two Mile, 109; Will's, IV, 227; Youghiogheny, X, 211. See also Architecture.
- Bridgeton (Mo.), sketch, XXVI, 262.
- Bridgewater, plains of, VIII, 175.
- Bridles, in Indian graves, XXIII, 141; ornamented, XIX, 333.
- Bridport, Alexander Hood, Lord, English Admiral, VI, 248.
- Briers, habitat, IV, 333; numerous, XVI, 253, 256, 285, XXX, 102, 201; scented, X, 207; unscented, 207; observed by Flint, IX, 281; Nuttall, XIII, 95; Woods, X, 302.
- Bright, —, in North Carolina, III, 56.
- Bringier, —, thermometrical observations, XVII, 48.
- Brinton, Daniel G., *Aboriginal American Literature*, XIII, 305; *Myths of New World*, II, 124, 138, XX, 386, XXIII, 312, 321, 380, XXVIII, 366; *National Legend of Chahia-Muskotees Tribes*, XIII, 305.
- British. See English.
- British Association for Advancement of Science, *Report*, XXIX, 149, 182, 192.
- British Columbia, boundary, VI, 348, XXVII, 300; dispute over, XXIX, 76; capital, 58, 77; governor, XXVIII, 380; lakes, XXVII, 372, XXIX, 82, 199; rivers, VI, 348, XXIX, 43; bay, XXI, 315; mountains, VI, 353, XXIX, 29; Indians, VI, 340, XXIII, 154, XXVII, 358, 370, XXIX, 192, 203, 253; posts, XXI, 344, XXIX, 56; agriculture, 97; railways, 201.
- British Museum, letters preserved in, I, 283.
- Broadfoot & McNeale, merchants, XI, 68, 102.
- Broadhead, —, farmer and tavern-keeper, XXII, 94, 97; hunter, 95; driver, 101.
- Broadshaw, —, tavern-keeper, X, 76.
- Broadus, —, surgical operation on, XIX, 210.
- Brock, Gen. Isaac, in War of 1812-15, VIII, 226; relations with Buttrick, 10, 45-47; killed, 159; monument, XIX, 148; sketch, VIII, 45, 159, IX, 323.
- Brockville (Can.), described by Flint, IX, 323.
- Brocton (N. Y.), originally Salem Crossroads, XXIV, 161.
- Brodhead, Daniel, in Revolution, III, 348, IV, 89.
- Broken Arm (Cut-Nose, Hashea), a Comanche, XIV, 235.
- Broken Arm (Maschkepton), Cree chief, XXIII, 13.
- Broken Arm (Dipauch), Mandan chief, XXII, 345; relations with Maximilian, 357.
- "Broken Hand," nickname for Fitzpatrick, XXI, 192.
- Brokers, in Cincinnati, XI, 171; Louisville, XII, 270; New Orleans, III, 159.
- Brokeville (Can.). See Brockville.
- Brooches, article of trade, XIV, 310; Indian ornaments, VI, 57, XVI, 271.
- Brooke, Henry, author, VIII, 110.
- Brookfield, —, boat-owner, IV, 264.
- Brooklyn (N. Y.), stage road, IX, 34; emigrants in, 32, 43; battle of Brooklyn Heights, I, 163:

## BROOKLYN (continued)—

- Faux in, XII, 76; "Fulton," IX, 46; Flint, 34; Franchère, VI, 191, 193; Guy, XII, 90; Parmentier, XXIX, 291.
- Brooks, Elisha, salt manufacturer, X, 226.
- Brooks, Thomas, land proprietor, IV, 168, 169.
- Brookville (Ind.), location, XIX, 68, 71; population, 71.
- Broom corn, cultivated, X, 302.
- Brotchie, Capt. —, assists missionaries, XXIX, 152.
- Brother, Richard, *Prophecies*, IV, 65.
- Brothertown Indians, habitat, VIII, 127; among Oneida, XXIV, 183.
- Brougham, Lord Henry, philanthropic efforts of, XXVI, 206; quoted, XII, 118.
- Broughton, Lieut. William Robert, explores Columbia River, VI, 186, 248, VII, 117; names Johnson's Island, 119; Mount Coffin, VI, 244; Mt. Hood, 247, 248; Mt. St. Helens, 246; Oak Point, 261; Point George, 241; Tongue Point, 242; Young's Bay, 259.
- Brown, —, at Hawaii, VII, 65.
- Brown, —, landlord, XI, 69.
- Brown, Capt. —, discovers Honolulu harbor, VI, 215.
- Brown, Dr. —, founds Blountsborough (Tenn.), III, 85.
- Brown, Dr. —, at Natchez, V, 211.
- Brown, Squire —, entertains Cuming, IV, 105.
- Brown, Alexander, *First Republic in America*, XI, 157.
- Brown, Ethan Allen, governor of Ohio, IX, 308.
- Brown, G. Beale, English traveller, XI, 68.
- Brown, J. Henry, *Political History of Oregon*, XXX, 214.
- Brown, Gen. Jacob, VIII, 175, 181, 217.
- Brown, James, Indian trader, I, 62.
- Brown, John, congressman, III, 39, 206.
- Brown, John, tavern-keeper at Portsmouth (Ohio), IV, 160.
- Brown, Maj. John, settler near Maysville (Ky.), IV, 171.
- Brown, John Mason, *Political Beginnings of Kentucky*, III, 39.
- Brown, Rev. Matthew, in Washington (Pa.), XII, 202.
- Brown, Orris, Oregon pioneer, XXX, 35, 52, 100.
- Brown, Dr. Samuel, of Kentucky, III, 205, 206, 253, IV, 122; sketch, III, 206.
- Brown (Mrs.) Tabitha, Oregon pioneer, XXX, 100.
- Brown, Timothy, dedication to, X, 19, 20.
- Brown, William, captured by Indians, I, 34.
- Brown, William, Western traveller, IX, 285.
- Brown County (Ill.), in bounty tract, XXVI, 128.
- Brown County (Kans.), Indians in, XXVIII, 141.
- Brown County (Ohio), settlement in, XXII, 155; Ripley, X, 233.



- Brown County (Wis.), Indians in, XXIV, 183.
- Brownie of Blednock*, IX, 44.
- Browning, William, in Belpré (Ohio), IV, 127.
- Brown's Hole (Colo.), now Brown's Park, XXVIII, 250; trappers' rendezvous, 287, 291; trail, 238; Farnham in, XII, 229, 241, 242, 246, 250, 252, 272, 277; Snake Indians, 250; bird's-eye view, XXIX, 31.
- Brownson, Lieut. John, in Fort Osage, V, 60, 61, 190.
- Brownstown (Mich.), battle of, VIII, 212, XIII, 291.
- Brownsville (Ind.), settlement, XII, 230.
- Brownsville (Pa.; Fort Burd, Redstone Old Fort), situation, III, 159, 337; fort, 158; emigration highway, XXI, 36; national road, IV, 112, X, 216; rope walk, III, 160; exports, 158, 162; thermometrical observations, 380; Ellis in, IV, 202; Faux, XI, 166; Harris, III, 363, 372; Stiles, X, 235; Tobin, IV, 264; Welby, XII, 283; Wheatley, IV, 263; Woods, X, 215; Wyeth, XXI, 37; population, III, 162, 337; sketch, 158, 159, 337, IV, 96, X, 215, XI, 166.
- Bruce, David, Moravian missionary, I, 178.
- Bruce, John, inventor, XXVI, 57.
- Brugière, Jacques, in Fort Berthold, XXIX, 367.
- Brugière, Theophile, fur-trader, XXIX, 367, 369.
- Bruguier, Regis, with Stuart, VI, 260, 267, 351.
- Bruguieres, Jean-Guillaume, naturalist, XIV, 119.
- Bruin, Dr. —, in Florida, IV, 335.
- Bruin, Judge Peter Bryan, in Bayou Pierre, IV, 311; in Mississippi, 350.
- Bruinsbury (Miss.), Bruin in, IV, 311; Cuming, 8, 310, 350.
- Bulé Indians, Teton Sioux band, XXII, 326, XXIX, 370.
- Brulots, habitat, XXVII, 259.
- Bruner, —, founds Brunerstown (Pa.), IX, 79.
- Brunerstown (Pa.), becomes Somerset, IX, 79.
- Brunichia*, observed by Nuttall, XIII, 89, 95.
- Brunot, Dr. Felix, Pittsburg philanthropist, IV, 93.
- Brunswick (Mo.), on Grand River, VI, 50.
- Brunswick (N. J.), sand-rock in, XVII, 252.
- "Brunswick," steamboat, XXII, 203.
- Brush, Capt. Elijah, on Raisin River, VIII, 212.
- Bruslé, Louis, Canadian sailor, VI, 195, 250.
- Brutus (N. Y.), Evans in, VIII, 126.
- Bryan, Jonathan, erects mill, XXVI, 269.
- Bryan, Susan, marries Israel Grant, V, 43.
- Bryan (later Bryant) brothers, establish Bryant's Station (Ky.), XVIII, 29.
- Bryant, J. D., letter from De Smet, XXIX, 380-398.
- Bryant, William Cullen, quoted, XXVI, 82, 180, 207, 248, 338, XXVII, 19.
- Bryant & Morrison, merchants, XIX, 174.

- Bryant's Station (Ky.), in Revolutionary War, III, 43, XVIII, 30; Cuming in, IV, 197; Hogan, III, 43; population, XVIII, 29.
- Bryce, Dr. George, historian, IX, 10; *Hudson's Bay Company*, XXIX, 54; *Makers of Canada*, 132; *Manitoba*, VI, 381; *Worthies of Old Red River*, 380.
- Brymner, Douglass, *Canadian Archives*, XXIII, 253, 256, 262, 269, 271, 273, 370.
- Bryonia, monoica calyce 5 fido, corolla 5 partita floribus (sicyos lobata)*, III, 33.
- Buchanan, President James, appoints art commission, XXII, 139.
- Buchanan County (Mo.), *History*, XXIV, 121.
- Bucher, —, lawyer, in New Lancaster (Ohio), IV, 222.
- Buck, Albert H., *Hand-book of Medical Science*, XXVII, 96.
- Buckeye (Ohio; *æsculus glabra, pavia*), VIII, 284; origin of name, XIV, 67; habitat, III, 229, VIII, 276, X, 227, XVII, 115, XIX, 61, 71, 77; abundant, XXII, 242. See also Horse-chestnut.
- Buckingham, J. T. & E., publishers, XXI, 100.
- Buckland, William, quoted, XXVII, 114; sketch, 114; *Geology and Mineralogy with Reference to Natural Theology*, 114.
- Buckles, silver, XIX, 341.
- Buckley, —, in New Orleans, IV, 364.
- Buckley, Spencer, Dodson convinced by, XXX, 35; horses retaken by, 35, 36, 256; accompanies Palmer, 29, 149; adventure with Indian, 245, 246; illness, 154.
- Bucks. See Deer.
- Bucks County (Pa.), Durham in, IX, 323.
- Buckthorn (*Iycum europeum*), cultivated, XXII, 69.
- Buckwheat, cultivated, X, 203, 296, 347, XXII, 87, 128, XXIX, 40, XXX, 189; threshed, IX, 96; cakes, X, 199.
- Buenos Aguos (good water), Pattie in, XVIII, 227.
- Buffalo. See Bison.
- Buffalo (N. Y.), historical sketch, VIII, 179; settlement of, 42; first name, XIX, 143; described, 142, 143, XXIV, 161-163; terminus of road, VIII, 41, 118; suburbs, 46, 153; Niagara Falls near, XXIV, 165; as a market, XI, 56; business centre, VIII, 182; lake port, 222, IX, 311, 314-316, XIX, 142, 150; soil, VIII, 180, 193; timber, 185; in War of 1812-15, 44, 182; cholera at, XXII, 13; Indians in, XXIV, 176; Bullock, XIX, 13; Buttrick, VIII, 10, 42, 47, 48, 82, 88; Evans, 179-185; Flint, IX, 313; Maximilian, XXIV, 163, 164; Porter, VIII, 178; Riley, XIX, 185; population, XXIV, 161; Historical Society Publications, XIX, 148, XXIV, 162, 163.
- Buffalo-berry (*graisse de bœuf, shepherdia argentea*), VI, 87; on Missouri River, 108; abundant, XXII, 370, XXIII, 29, 138, 192; as dye, 278; observed by Maximilian, XXII, 280, 296, 372, XXIII, 208, 209.
- Buffalo County (Nebr.), Grand Island in, XV, 224.
- Buffalo County (S. Dak.), Indian reservation in, XXII, 312.
- Buffalo fish (*catastomus carpioles*), habitat, XXII, 170, XXIII, 250, XXVI, 135; as food, XVII, 17; Fr. *casburgot*, XXIV, 122; *cyprimus*, XIII, 235, 241.
- Buffalo Head, on Lake Winnipeg, VI, 379.
- Buffalo Robe with the Beautiful Hair, Mandan chief, XXIII, 371.
- Buffington, —, cattle-dealer, IV, 135-137, 153.

- Buffon, Jean Louis, naturalist, XII, 296, XV, 262, XVI, 43, XX, 277; sketch, XII, 297, XVI, 37.
- Buffum, William Gilbert, on Cascade Mountains, XXX, 141-145, 151.
- Buford County (N. Dak.), river in, XXII, 373.
- Bug, —, miller, XXII, 116.
- Bugles, as equipment, XV, 146, 356, XXVI, 62, 136; in hunting, VIII, 130.
- Bugs, troublesome, XI, 95, XII, 99, 187, 191, 233; in Charleston (S. C.), 74.
- Bulfinch, —, relations with Oregon expedition, XXI, 23.
- Bull, Captain, Delaware Indian, I, 130; in Kuskusking, 252; Reading, 180, 234, 236; Fort Lyttleton, 240; Kiskemeneco, 246; on Allegheny River, 248; with Post, 251; Tennessee pioneer, 58.
- Bullets, used by French, I, 231; equipment, XXVIII, 46; thirst quenchers, XXI, 169, 233; moulded by Townsend, 128; forceps, XV, 212; pouches, 192.
- Bullit County (Ky.), seat, III, 89.
- Bullit's Lick (Ky.), V, 276.
- Bullitt, Col. Thomas, land grant to, X, 79, XIV, 61; in Limestone (Ky.), III, 35.
- Bullock, William, biographical sketch, XVIII, 371, XIX, 13, 14; in Mexico, XVIII, 371; itinerary, XIX, 119; at New Orleans, 122-127; ascends Mississippi, 129-131; Ohio, 131, 132; at Cincinnati, 133-141; purchases estate, 140, XXIV, 143, 144; at Niagara, XIX, 143-148; meets Indians, 149; Buffalo to New York, 148-154; exaggerates distances, 130, 131, 141; describes alligator, 128; owns Mexican manuscript, XXIV, 201; publications, XIX, 13, 14; *Sketch of a Journey*, 11, 12, 113-167; cited, XXIV, 166, 173, 175, 178.
- Bullocks and Bulls. See Cattle.
- Bull's Neck (Berock Itainu, ox neck), Mandan Indian, XXII, 345; described by Maximilian, 357, 358; present to, XXIV, 18; reconnoitering, 20; brothers, 71; in guard, 73.
- Bulltown (Va.), massacre of, I, 130.
- Bulrushes, observed by Evans, VIII, 314, 315; mats made of, XIII, 258.
- Bunker Hill. See Mountains: Hills.
- Bunting, observed by Long, XVI, 26; Townsend, XXI, 150; *emberiza americana*, XV, 321; *amæna*, XVI, 39, 40; *cyanea*, 40; *pecora*, 78, 94, 222; *fringilla erythrocephala*, XV, 321, 326.
- Burau, —, merchant, III, 184.
- Burd, Col. James, in Fort Augusta, I, 188; builds Fort Burd, III, 158.
- Burdett, Sir Francis, reformer, X, 27-29; calumniated by Cobbett, 167, 168.
- Burdett, Stephen, with Wyeth, XXI, 73; illness, 61, 62.
- Burdocks (*xanthium strumarium*), habitat, X, 215, 304; abundant, XXII, 385.
- Bureau County (Ill.), in bounty tract, XXVI, 128.
- Burges, Rev. George, *Spirit of the Times*, XII, 308, 309.
- Burgoyne, Gen. John, invasion of United States, II, 202.
- Burke, Edmund, quoted, XII, 35, XIX, 96, XXVI, 315.
- Burke, Rev. J. C., librarian, XXVI, 170.
- Burke (N. C.), A. Michaux in, III, 56.
- Burke County (N. C.), county seat, III, 290; court house, 46; Avery in, 56.
- Burkhardt, —, observes sandstone, XVII, 206.

- Burling, —, planter, IV, 324.
- Burlington (Iowa), James in, XIV, 26.
- Burlington (N. J.), Lawrence in, VIII, 241; Croghan's *Journal* published in, I, 126.
- Burlington (Ohio), described by Maximilian, XXII, 153.
- "Burlington," steamboat, XXII, 65, XXIV, 191.
- Burned Indians, population (1841), XXVII, 166.
- Burnet, Jacob, lawyer, IV, 257.
- Burnet, William, erects Fort Oswego, II, 48; in New York, VIII, 158.
- Burnet Woods (Cincinnati), public park, IV, 257.
- Burnett, Peter H., in Oregon City, XXIX, 280; founds town, XXX, 224; *Recollections*, XXIX, 280, XXX, 123.
- Burnham, —, present to Faux, XI, 56, 57.
- Burning Heart, Kansa chief, XV, 92.
- Burns, —, aided by Farnham, XXVIII, 239, 240.
- Burns, Hugh, blacksmith, XXX, 163.
- Burnt Cabins (Pa.), Harris in, III, 321, 370; thermometrical observations, 374.
- Burnt Prairie (Ill.), location, X, 333; described by Woods, 271.
- Burpee, Lawrence J., *Lake of the Woods Tragedy*, VI, 383.
- Burr, Aaron, in New York, XI, 159; Pennsylvania, IV, 240; apprehension of, 324, 362; conspiracy, 54, 74, 129, 245, 362, IX, 211, XVII, 76, XIX, 175; rendezvous, XXVI, 77; at Fort Massac, IV, 277; endorsed by Cummins, 350; trial, 11, 127, 325, VIII, 287; daughter, XII, 98; sketch, IX, 211, XI, 160, XXVI, 77.
- Burr, Theodosia, marries Alston, XII, 98.
- Burrsburg (Ohio), founded, IV, 157, 158.
- Burton, Francis, discovered "Mine Burton," XXVI, 95.
- Bush, Israel, pioneer, XXVI, 301.
- Bushy Prairie (Ill.), described, X, 271.
- Bushy Run (Pa.), battle of, I, 282.
- Bustamante, Anastasio, revolt of, XVIII, 314.
- Bustards, habitat, XXIX, 206, 254, 257. See also Geese.
- Butcher, Edmund, English author, X, 124.
- Butcher-birds, blue-grey, XXIII, 47; *lanius excubitoroides*, XXII, 330, 331.
- Butchers. See Trades.
- Butler, Anthony, American chargé d'affaires, XVIII, 313-315.
- Butler, Col. John, Tory leader, II, 48, 54.
- Butler, Bishop Joseph, quoted, XXVI, 160.
- Butler, Mann, *Kentucky*, I, 45, 126, III, 39.
- Butler, Gov. Pierce M., Indian census reckoned by, XX, 317.
- Butler, Gen. Richard, in Fort Harmar, III, 34; on Maumee River, I, 122.
- Butler, Lieut. Walter, Tory leader, II, 54.
- Butler, Sir William Francis, *Great Lone Land*, VI, 382.
- Butler & Wade, insurance agents, XI, 33.

- Butler County (Mo.), creek in, XVII, 37.
- Butler County (Pa.), Rapp in, X, 54.
- Butler's Ford (N. Y.), massacre at, II, 54.
- Butricke, George, quoted, I, 136, III, 37.
- Butte (Mont.), site, XXIX, 341.
- Butter, article of trade, III, 191, 245, IX, 234, X, 192, XI, 117, XII, 111, XXIX, 90; market for, III, 158; prices, V, 288, VIII, 341, IX, 140, 163, X, 37, 69, 74, 108, 239, 282, 355, XI, 213, 237, XIII, 77, 317, XIX, 136; as food, VIII, 55, X, 199, 337, XI, 237, 288, XIII, 131, 213, XIV, 142, XXI, 127, XXII, 318, XXVI, 323, XXVIII, 303, 320; scarcity, X, 226, 282, XI, 246, 292, 293, 299, XIII, 59; abundance, XXIV, 115; production, VIII, 331, XII, 97, XXVII, 116; quality, XI, 213, XII, 249; as supply, V, 299, XII, 157, XXVIII, 374, XXX, 244.
- Buttercups (*ranunculus*), observed by Maximilian, XXII, 48; Flag, XXVI, 286.
- Butterfield, Consul Willshire, *George Rogers Clark's Conquest of Illinois*, XXIV, 136.
- Butterflies, habitat, XXII, 102, 171; numerous, 48, XXIII, 47, 51, XXIV, 108, 125, 131, 132, 135; scarce, XXIII, 184; *papilio ajax*, XXIV, 131, 132, 135; *plexippus*, 99; *turnus*, XXII, 83, XXIV, 131, 132; *philenor*, 132, 135; *vanessa*, IX, 127.
- Buttermilk, as food, X, 64, 70, XIV, 141; trade, XXIV, 117.
- Butternuts, described, X, 308, XXVIII, 63.
- Buttes, Oregon landmark, XXX, 178, 179; Sandstone (Butes au Grés), De Smet at, XXIX, 369.
- Buttets, —, in Louisville, IV, 238.
- Butteville (Oregon), founded, XXX, 178, 179; population, 179.
- Buttonballs, abundant, XXIX, 166; size, 407.
- Buttonwood, American name for plane-tree, XXII, 93, 145; size, XII, 208; *planus occidentalis*, observed by Bell, XVI, 239, 242; Nuttall, XIII, 90.
- Buttrick, Tilly, Sr., VIII, 21.
- Buttrick, Tilly, Jr., biographical sketch, VIII, 9-11; autobiography, 21; life at sea, 21-41; in Sumatra, 31; at Boston, 39-41; Albany, 41; on Lake Erie, 43, 44; prisoner of war, 45-47; at Buffalo, 48; returns East, 48, 49; reaches Allegheny, 48-51; on Ohio, 52, 53; at Cincinnati, 53; return to New York, 53-56; to New Orleans, 57-61; overland to Ohio, 61-79; at Detroit, 81-83; trip to Ohio, 83-87; at Sandusky, 84; return to New York, 88, 89; equipment and supplies, 48, 61, 64, 65, 67, 70, 75, 82; encounters storm, 49, 50; adventures, 49, 52, 53, 83, 86, 87; among Chickasaw, 65-75; hardships, 61-63, 82; illness and misfortunes, 19, 54, 58, 75, 76, 87-89; *Voyages*, 15-89; cited, 118, 120, 129, 134, 159, 166, 179, 181, 265, IX, 77, 172, 310, 323, XI, 65, XII, 17, XIX, 36, 80, 142, 143, 148, 149, XXIV, 162, 164, 176.
- Buxton, Thomas Fowell, English philanthropist, IX, 202, 203.
- Buzzards, habitat, VI, 47, XVII, 147, XXVI, 127, XXVII, 334; as food, XVIII, 107; depredations by, XXX, 202; scavengers, XVI, 146; hieroglyphic figures, XXVI, 77; *falco ruficandus* (*borealis-accipiter*, V.), observed by Long, XV, 318.
- Byron, George Gordon, Lord, works published in New York, IX, 44; quoted, XXVI, 82.
- Bywater, John, speculations on animalculæ, V, 29.

C —, EDWARD, merchant, XII, 62.

Caballero, Capt. —, supports Mexican government, XIX, 276.



"Caballeros," dress and horse-trappings, XIX, 340-342.

Cabanné, Jean Pierre, fur-trader, XVIII, 38, XXII, 378; trading post, XVIII, 38, XXII, 271, 275, XXIII, 223, XXIV, 106, XXIX, 371; entertains Maximilian, XXII, 273; sued by Le Clerc, XXIV, 106; succeeded by Pilcher, 14, 106; sketch, XXII, 271, 272.

Cabanné, Lisel de, fur-trader, XXIX, 371, 372.

Cabanné family, in St. Louis, XXVI, 165.

Cabbages, III, 299; cultivated, X, 209, 305; as food, IX, 161, XII, 158, 299, XXIV, 89, XXIX, 66; article of trade, VI, 211; prices, X, 293, XII, 64, 324; observed by Nuttall, XIII, 150, 284.

Cabinet-makers. See Trades.

Cabortes, John, certificate to Pattie, XVIII, 287.

Cabot, Sebastian, discovers Missouri Territory, V, 235.

Cabrillo, Juan Rodriguez de, on Northwest Coast, XVIII, 281, 283, XXVIII, 30.

Cabris. See Antelopes.

*Cacalia atriplicifolia*. See Horse-mint.

Caches, VI, 273, 361, 364, 368; described, XIX, 216-218, XXI, 61; Canadians originate, XIX, 217; method of making, VI, 272, 273, 352; made by Astorians, 272, 280, VII, 183, 186; by Baird and Chambers, XIX, 216; fur-traders, XVI, 125, XIX, 185, XX, 135; trappers, XVI, 125, XXVIII, 237, 292; corn in, XXIV, 76; on Mine River, XIV, 151; plundered, VI, 283, VII, 214-217, XIV, 277, XXVIII, 105. See also Indians: Caches.

Caches, the camping site, XIX, 179, XX, 92, 93, 233.

Caciques (gobernadorcillo), commissioned by New Mexican governor, XX, 60. See also Indians.

Cackawatcheky, Shawnee chief, present from English, I, 31, 32.

Cactus, habitat, XIV, 213, XV, 311, XXII, 296, XXIII, 82, 245; shrubby, XVI, 126; upright, 37; abundant, XXII, 384, XXIII, 32, 63, 86, XXIV, 94, XXVII, 252, XXVIII, 234, 243, 248, 278, 295, XXIX, 45, 184, 289; scarce, XVI, 156; described, XIII, 158, 170, XVI, 95, XXIII, 199, XXVII, 255, XXVIII, 234, 235, 259; troublesome, XXII, 378, XXIV, 24, XXVIII, 259; varieties, XXII, 295, 296, XXVIII, 102, 234, 235; bayonet, XI, 99; cylindric, XVI, 79, 136; *ferox* (*opuntia*), XIII, 158, XXII, 296, 382, 384, XXIII, 55, 82; *fragilis*, XV, 219; *giganteus*, XVIII, 104; *mammillaris*, XXII, 384; prickly, VI, 105, XX, 329, XXIII, 63; *viviparus*, V, 318.

Cadarota (Mex.), Willard in, XVIII, 363.

Caddo (Cadoda-quiox) Indians, origin, V, 113, XIII, 133; tribes, 133, XVII, 68; habitat, XIII, 133, 147, XVII, 53; relations with Chickasaw, XIII, 358; Osage, 133, 134; Spanish, XVII, 72-74; Sparks's expedition, 71-74; Brevel among, XVI, 95; fort near, XVII, 76; name for Arapaho, XXVIII, 266; sketch, XVII, 61, 71.

Caddo County (La.), lake in, XVII, 71.

Cadetsburg (W. Va.), location, XXII, 153.

Cadillac, La Motte (La Mothe), discovers lead mines, XXVI, 95; in Detroit, I, 55.

Cadot, Jean Baptiste, fur-trader, II, 79.

Cadron (Ark.), XIII, 146, 156, XVII, 11, 15, 25, 51; boundary, 122; road, XIII, 110; emigrants, 195; speculators, 103, 157; manufactures, 288; meteorological observations, XVII, 83, 84; Billingsley in, XIII, 294, XVII, 13; Nuttall, XIII, 107, 242, 286; population, 286; view, 163.

Caegawatanninga. See Fool Chief.

- Cæsar, dog, XVI, 238, 248.
- Caghnawago Indians. See Caughnawaga.
- Cahegainya, Oto Indian, XIV, 277.
- Cahokia (Ill.), location, V, 258, XIV, 101, 102, XVII, 114; early French settlement, III, 70, V, 258, 259, XIX, 50, XXIV, 126, XXVI, 143, XXVII, 40, 42, 80, 117, 118; character, 118; population, XIX, 60, XXVII, 119; post at, XXVI, 48; described, XIX, 60, XXVI, 106, XXVII, 118; officials in, 71; Dorion at, V, 38; Flagg, XXVI, 12, XXVII, 108; Laclede, III, 72; Maximilian, XXII, 215; Michaux, III, 70; colonists migrate from, 70, XXVI, 147, 255, 291, XXVII, 116; captured by Americans, 88; decay, XXVI, 13; historical sketch, III, 70.
- Cahokia (Caoquia, Kahokia, Kahoquia) Indians, Illinois tribe, XXVI, 123, XXVII, 35; habitat, 117; mission among, III, 70, XXIX, 170; joined by Peoria, XVII, 41; exterminated by Sauk and Foxes, XXVIII, 142.
- Caigua (Cajuga) Indians. See Cayuga.
- Cairo (Ill.), site, XXII, 203, 204, XXVI, 78, 82, 83; rivalry with Trinity (Ky.), XXII, 204; Bird in, IV, 279; canal company, XXII, 204.
- Cairo (Tenn.), origin of name, III, 257.
- Cakes, VIII, 75, X, 356, XI, 73, XXVIII, 181; article of trade, XXII, 61; German, X, 199.  
See also Food.
- Calabashes, cultivated by Indians, XXIII, 120; dried, XXIX, 384.
- Calabozas. See Prisons.
- Calais (Maine), Pettygrove in, XXX, 223.
- Calamaweshink, Post in, I, 229.
- Calamees, Gen. —, speculator, XIII, 103.
- Calamus aromaticus*, III, 101.
- Calapooia (B. C.), as a boundary, XXX, 11.
- Calder, —, landlord, XI, 99, 100, 102.
- Calderon, Madame. See De la Barca, Frances Erskine Inglis Calderon.
- Caldersburg (Ohio), renamed Roscoe, XXIV, 153.
- Caldwell, —, landowner, IV, 121.
- Caldwell, D., district clerk, XIII, 25.
- Caldwell County (Mo.), Mormons in, XX, 98.
- Caledonia (Ill.), described, XXVI, 78, 79.
- Caledonia (N. Y.), Evans in, VIII, 129.
- Calf, Kaskaia Indian, XVI, 57; elopes, 196; sells horse, 215; receives presents, 63; expert marksman, 62; assists Long, 60, 66, 79; gives vocabulary, 210.
- "Calf-foot" root. See Taro.
- Calgary (B. C.), site, XXIX, 218, 221.
- Calhoun, John C., secretary of war, IX, 186, XIV, 9, XVII, 94-182, XXVI, 57; civility, XII, 104; friend of Sharp, III, 63; contrasted with Pinckney, XII, 35; *Military Affairs*, XIV, 9.
- "Calhoun," steamboat, XIV, 96.
- Calhoun County (Ill.), in bounty tract, XXVI, 128; settlement, 129; river post, XXII, 208.
- Calico. See Cloth.

Calico-tree (*kalmia latifolia*), III, 148, 288.

California, as a boundary, XVIII, 375, XIX, 278, XXVII, 165, XXIX, 46, 72, 74, 115, XXX, 167, 215, 216; routes to, XXVIII, 112, 113, 294, XXX, 280; described, XVIII, 16, 306, 350, 351; natural features, XV, 311, XVIII, 219, XXVII, 191, 224, XXIX, 32, 72, XXX, 68; earthquake, XVIII, 279, 280; rivers, VI, 77, 155, XVII, 204, XVIII, 140, XX, 70, 251; transportation, XV, 196, XXVIII, 102; history, XVII, 191, XVIII, 281; explorations, XXVIII, 30; Spanish settlements, XVIII, 15, 278, 279, XXVIII, 33, XXIX, 145; government, XVIII, 286, 290, 291; governors, XVII, 12, XX, 107; Indians, VI, 258, XIV, 78, XX, 68, 76, 339, XXI, 329, XXVII, 163, XXX, 231; missions, VI, 342, XIV, 18, XVIII, 188, 221, 222, 226, 227, 273-282, 287, XXVIII, 224, XXIX, 116; trade, XVIII, 283, XX, 223, 225; vessels visit, VI, 390, 406; cattle-trade, XVIII, 309, XXI, 73, XXIX, 24, 27, 62, 96, XXX, 229; emigration to, XXVII, 190, 197, 278, XXX, 13, 31, 87-89, 250; from, XXIX, 82; fur-traders, XV, 236, XXI, 298, XXIX, 59; adventurers, XXVII, 190, 236; American pioneers, XVIII, 291, 313, XXVI, 16, XXX, 88; English, XXI, 329; Solis revolt, XVIII, 314; Mexican War, 277; Frémont's expedition, XV, 166; American conquest, XVII, 12, XXVIII, 15, 274, 275, XXX, 70, 88, 229, 230; constitutional convention, 190; discovery of gold, XIV, 57, XXI, 87, 353, XXX, 40; mines, III, 114; gold-seekers, 192; Sutter pensioned, 230; Applegate in, 173; Ayers, VI, 257; Bailey, XXIX, 19; Blair, XXVIII, 102; Blanchet, XXIX, 140; Boggs, XX, 98; Buffum, XXX, 142; Burnett, XXIX, 280; Cavendish, XXVIII, 36; Cooper, XIX, 178; DeVos, XXIX, 134; Douglas, XXVIII, 380; Echeandia, XVIII, 290, 291; Ermatinger, XXVII, 235; Farnham, XXVIII, 13, 15, XXIX, 26; Fraeb, XXVII, 243; Gay, XXX, 174; Hunt, VI, 288; Johnson, XX, 79; Kearney, XVII, 12, XIX, 187; Kelley, XXI, 24; Kirker, XX, 103; Laframboise, VII, 248; Langsdorff, XXIII, 284; McTavish, VI, 282; Meek, XXX, 40; Nobili, XXIX, 137; Nuttall, XIII, 15, XXI, 334; Pattie, XVIII, 15, 17, 42, 204, 263, 286; Pettigrove, XXX, 223; Riley, XIX, 185; Simpson, XXIX, 132; Smith, XIX, 238; Solis, XVIII, 289; Sutter, XXX, 229; Thompson, 142; Vallejo, XVIII, 291; Walker, XXX, 190; Wislizenus, XXVIII, 275; Young, XX, 23, XXIX, 26, 27; *Californian*, XVIII, 273.

Calkobin Indians. See Lhtho'ten.

Callacia (N. Mex.), Pattie in, XVIII, 75.

Callaway, Elizabeth, captured by Indians, XI, 222.

Callaway, Flanders, in La Charette (Mo.), V, 43.

Callaway, Frances, captured by Indians, XI, 222.

Callaway, Francis, marries Jemima Boone, XI, 222.

Callaway, Capt. James, attacked by Indians, XIV, 133; slain, V, 47.

Callaway County (Mo.), seat, XXI, 131; creeks, VI, 43, XXII, 242; rivers, XIV, 137, XXX, 32; Auxousse township, XXIV, 123; Grant in, V, 43.

Callender, Robert, in Logstown (Pa.), I, 32.

*Callitriche americana*, III, 102.

Calloph, Clatsop chief. See Coalpo.

*Calmia latifolia*, III, 142, 148.

Calochortus (*calochortus elegans*), observed by James, XV, 289.

Calomel. See Diseases and Remedies.

Calpo, Chinook Indian, VII, 163, 164.

*Caltha*, white flowered, XVI, 15.

Calumets. See Indians: Pipes and Smoking.

- Calumet County (Wis.), Indians in, XXIV, 183.
- Caluza Indians, De Soto among, XIII, 326.
- Calvinists, III, 369, IX, 55, XI, 129.
- Calvit, Joseph, in Natchez, IV, 314.
- Camacan Indians, in Brazil, XXII, 273.
- Camas. See Kamas.
- Cambria County (Pa.), capital, XXII, 134; Clearfield Township, I, 23.
- Cambridge (Mass.), roads to, XXI, 80, XXII, 47; population, 41; college, 46; factories, XXI, 59; Wyeth's expedition forms, 31, 32, 47, 61, 81, 100; emigrants from, 57, 100; Nuttall in, XIII, 14, 17; Duke of Saxe-Weimar, XXI, 71; Washington, IV, 118; Jacob Wyeth, XXI, 30; John B., 12; Nathaniel, 10, 12, 23, 91.
- Cambridge (Ohio), Cuming in, IV, 228; Faux, XI, 123; Hulme, X, 76; population, IV, 228.
- Cambridge University (Eng.), graduates in Washington (D. C.), XII, 109, 114.
- Camden (N. J.), battle of, XI, 76, 77; railroad, XXII, 66.
- Camden (S. C.), road, III, 101, 102; Faux in, XI, 76, 78-80, 84; A. Michaux, III, 53, 104; Rugeley, XI, 70, 82.
- Cameron, Duncan, fur-trader, II, 10, 11, 15, 87, 123, 145, V, 157.
- Cameronians, diligence of, IX, 155.
- Camilla, Sanpoil Indian, XXIX, 399.
- Cammels'-town (Pa.), unidentified, XIII, 37.
- Cammuck brothers, in Georgetown (D. C.), XI, 132.
- Camomile. See Diseases and Remedies.
- Camp Charlotte (Ohio), in Dunmore's War, IV, 220.
- Camp Comanche, named by Gregg's caravan, XX, 122; view of, 123.
- Camp Holmes, Gregg in, XX, 107.
- Camp Missouri, at Council Bluffs, XIV, 12, 14, 278, XXII, 275; Indians in, XIV, 258, 261; hunters, 283; troops, XV, 144, 163, 191, 194, XVI, 264; illness in, XIV, 282, 283; quarry near, 271; boats, 240, 241, 282; Long in, 265, 276; Graham and Talcott, XV, 136.
- Camp Smith, garrison in, XXVI, 138.
- Campanula*, III, 29, XV, 307; *americana*, XIV, 156; *decipiens*, XV, 288, 307; *divarica*, XXIX, 424; *perfoliata*, XIV, 107.
- Campbell, —, in Arkansas, XIII, 242.
- Campbell, —, with Gregg, XIX, 326, 327.
- Campbell, —, in Mississippi, IV, 304.
- Campbell, Capt.—, founds Tennessee settlement, III, 60.
- Campbell, Alexander, founder of sect, XXVI, 358.
- Campbell, Lieut-Col. Alexander, at Detroit, I, 154, 161.
- Campbell, Colin, fur-trader, XXIX, 370.
- Campbell, Capt. Donald, at Venango, I, 100; on expedition, 114; demands surrender of Detroit, 100, 114; governs Detroit, 116, 118, 123; murdered by Pontiac, 101, 154; sketch, 101.
- Campbell, James, justice in Illinois, XXVII, 79.
- Campbell, James, drowned in Missouri, XX, 97.

- Campbell, Col. John, of Kentucky, X, 43.
- Campbell, John Duncan, commands Fort Cumberland, VI, 376.
- Campbell, Robert, fur-trader on Missouri, XIX, 221, XXII, 353, XXIII, 207, 218; posts built by, 198, 217; describes Digger Indians, XXIV, 296; sketch, XXIII, 198.
- Campbell, Robert A., *Gazetteer of Missouri*, XXII, 207.
- Campbell, Thomas, father of Alexander, XXVI, 358.
- Campbell, Thomas, poet, cited, XXIX, 216.
- Campbell & Twining, *Boundaries between United States and Great Britain*, VI, 382.
- Campbell family, XIII, 37.
- Campbell County (Ky.), county seat, X, 237.
- Campbell (S. Dak.), V, 127.
- Campbell Station (Tenn.), III, 60.
- Campbellites, XXVI, 358, XXX, 54.
- Campbellstown (Pa.), Flint in, IX, 69.
- Campbellville (Ky.), now Shippingsport, IV, 260.
- Campti (La.), location, XVII, 70; French in, 77.
- Canada, origin of name, II, 34; climate, IX, 332, 333, XIV, 70; natural features, VI, 397, VIII, 127, 163, 227, IX, 318, XIII, 52, XVII, 247, 250; trees, VI, 376, IX, 256, XIV, 56, 213; vegetable products, III, 231, XV, 217; agriculture, XXIX, 146, 250; animals, III, 234, XIV, 167, XV, 168; birds, VI, 203, XXIV, 173; fish, XXIX, 148; boundaries, VI, 382, IX, 324, X, 268, XII, 109, XIV, 41, XVI, 177, XIX, 142, XXIV, 160, 164, 165, XXIX, 52, 53, 239; inland navigation, I, 137, IV, 89, IX, 316, XI, 244, XXVII, 50; route to Oregon, XXIX, 36, 42, 260; history, XXVII, 338; settled by French, II, 41, 42, IV, 242; transferred to English, I, 51, 100, 115, 301, 305, II, 15, III, 72, VI, 375, XXI, 37, XXVII, 78; in American Revolution, XVIII, 29; Revolutionary movements, III, 13; War of 1812-15, VI, 316, VIII, 81, IX, 120, X, 126, XV, 114, XVIII, 368 (see also Wars); English prisoners, I, 63, 74; government, IX, 275, 332; governor, XIX, 28; land-policy, II, 218, 219, XII, 207; progress, VI, 402, IX, 205, 322; population, VI, 379, IX, 329; Indians, II, 99, V, 137, XIII, 338, XV, 68; Blackfeet, VI, 371; Chippewa, XXIII, 190, XXVIII, 156, XXIX, 239; Delawares, XXII, 96, XXVIII, 138; Grosventres, XXIII, 73; Iroquois, I, 169, XXIV, 186, XXVI, 14, XXVIII, 179; Mohawk, VIII, 184, XXIV, 186; Tuscarora, XIX, 150; missions, I, 320, II, 58, VI, 307, XX, 289, XXVII, 65, XXIX, 231 (see also Jesuits); missionaries from, XIX, 45, 48, XXVII, 141, 168, 378; fur trade, II, 14-16, VI, 27, 71, 188, 191, 194, 269, 297, 298, VII, 33, 34, 271, XXII, 232, 233, XXIX, 30, 52, 54, 118; North West Company, VII, 138, 247, XXIX, 37 (see also Fur trade); commerce, II, 52, VII, 245, VIII, 43, 222, 284, XXII, 183; apprentices, XXIX, 66; sailors, VI, 27, 28, 33, 71, XXVII, 270; pilots, XXIX, 178; blacksmiths, VI, 195; bar keepers, X, 67; monument, XIX, 148; jails, XXIX, 24, 61; national game, II, 90; dress, VIII, 124, XIII, 109; cholera, XXII, 58; emigrants from, I, 141, IV, 283, X, 267, 326, XII, 236, XIII, 294, 307, XIX, 59, XXVII, 42, XXIX, 209, 250; refugees in, IX, 27, XI, 133; Aulneau, VI, 383; Bagot, XII, 46; Bellestre, I, 108; Benoit, VI, 88; Blanchet, XXIX, 119, 140; Bolduc, 133, 135; Brant, XXIV, 176; Brock, VIII, 45; Bruguier, VI, 260; Bullock, XIX, 143; Buttrick, VIII, 10, 42; Charlevoix, XIII, 116; Clarke, VI, 273; Decoigne, 361; Ermatinger, XXVII, 235; Franchère, VI, 304, 315, VII, 265; Hennepin, XIX, 47, 49, XXVII, 38; Hunt, VII, 179; Mousse, XXVII, 230; Jolliet, 36; Johnston, VI, 393; Kipp, XXII, 345; Langlois, XXIX, 133, 135; Lapensée brothers, VI, 237; La Salle, XIX, 46, 50, XXVII, 38, 40; Lee, XXI, 138; Le Sueur, XXVII, 43;



- Long, II, 196-201; McDonald, VI, 299; McDonell, 380; McKenzie, V, 37; A. Michaux, III, 12; Palmer, XXX, 11; Pambrun, XXVIII, 346; Proctor, VIII, 210; Rocheblave, VI, 375; Ross, VII, 9, 10, 40, 319; Roussil, VI, 195; Taché, XXIX, 255; Thompson, VI, 253, VII, 115; Tonti, XIX, 50; Vincennes, XXIV, 137; Warre, XXIX, 194; cities of, VI, 190, 398, VIII, 215, IX, 327, XVII, 240, XXX, 287; Upper Canada, II, 44, 219, IX, 315, 322, 323; capital, VIII, 228; Royal Society *Proceedings*, II, 35; *Transactions*, VI, 383, XXIX, 182, 253, 279.
- "Canada," vessel, II, 31.
- Canadian *Archives*, I, 283, II, 15, 52, 139, XXVI, 149; Bureau of Mines *Report*, II, 87; Department of Indian Affairs *Report*, 58, 99; Interior *Report*, 121; Geological Survey *Report*, 87; Institute *Proceedings*, I, 304, II, 117, XXIX, 182, 232; *Transactions*, II, 117.
- Canadian Pacific Railroad, II, 87, 144; route, VI, 382, 392, XXIX, 42, 206, 212, 216, 218, 221; Edmonton branch, VI, 365; Fort Frances on, 384; Fort Kamloops, VII, 199; Mattawan, VI, 397; Port Arthur, 386.
- Canadians. See English and French.
- Canajoharie (N. Y.), Morris in, I, 296; local chief, II, 211; Maximilian in, XXIV, 187.
- Canal Fulton. See Fulton (Ohio).
- CANALS —
- Natural*: de Caamano, XXIX, 90; de Haro (Arro), 75, 76, 152; Hood's, 33, 81.
- Artificial*: suggested routes, IX, 96, XXVI, 126, 245; means of development, IX, 97, XII, 202, XIX, 152, XXII, 119, XXIV, 162, XXVI, 81; commissioners, 139; companies, XXII, 204; locks in, X, 73; carried on aqueducts, XXII, 134; mileage in Pennsylvania, 112; Atwater promotes, XXIV, 150; built by Indians, XVIII, 155; drainage, IX, 186, XVIII, 378; irrigation, XXVII, 252; ship, IX, 186; Akron-Massillon, XXIV, 157, 158; Baltimore to Pittsburg, XXII, 131, 132; Buffalo, XIX, 142; Columbia Cascades, XXVIII, 373, 374; Delaware to Newark, XXII, 90; Erie, VIII, 46, 57, 88, 119, 120, IX, 96, 315, XII, 17, XVII, 179, XIX, 13, 119, 143, 149-153, XXIV, 159-185; promoted by Clinton, IX, 166, XVI, 48; cost, XXIV, 177; Genesee Valley, XIV, 59; Illinois-Michigan, IX, 186, XIV, 41, XIX, 62; Kootenai-Columbia, XXIX, 209; Mexico-Pacific, IX, 308; Mexico City, XVIII, 378; Miami, XIX, 151; Mississippi-Lake Pontchartrain, 122; Missouri River, XXII, 256, 368; Muscleshoal Rapids, VIII, 292; New York-Great Lakes, XI, 154; Ohio Falls (Louisville and Portland), IV, 260, VIII, 257, 258, X, 243, XII, 280, XIII, 66, XIV, 72, 73, XIX, 132, XXIV, 147, XXVI, 49-51; Ohio-Erie, IX, 308, XII, 15, XIX, 151, XXII, 17, 153, 158, XXIV, 146-159; feeders, 150; cost, 177; Pennsylvania, XII, 280, XXII, 78, 89, 112, 123, 131; Susquehanna-Tidewater, 112; Tombigbee-Tennessee, VIII, 293; Tualatin Falls, XXX, 168; Verona (N. Y.)-Lake Oneida, XXIV, 184; Wabash-Erie, XIX, 151, XXVI, 66; Welland, XIX, 148; White-Arkansas, IV, 299.
- Canandaigua (N. Y.), Buttrick in, VIII, 42; Evans, 129.
- Canaquais, —, French captain, I, 273.
- Canary birds, on "Tonquin," VI, 199; bird-seed, XIII, 220.
- Canastote (N. Y.), described by Maximilian, XXIV, 182.
- Canby, W., botanist, III, 102.
- Cancion Patriótica*, XX, 78.
- Cancriformis*, XV, 233.
- Candlefish (fathom fish), VII, 108, 109. See also Eulachon.
- Candles, tallow, XXIV, 44, 56; manufacture of, X, 341, XI, 229; scarce, XXIV, 64; as supply, V, 299, XXII, 235, XXIV, 89, XXIX, 169; prices, X, 284, XI, 213.

Canemah (Oregon), Barlow in, XXX, 120.

Canes (walking), XII, 134, XIII, 252, XVI, 117, XX, 28, XXIII, 309.

Canes and Canebrakes, I, 140; habitat, XVII, 143, XXVIII, 154; described, IV, 178, XIII, 72, XVI, 180-182; abundant, IV, 178, VIII, 303, XIII, 70, 137, 165, 229, 242, 252, XVI, 181, 189, 285, XVII, 121, 128, XX, 254, XXVI, 346; eradicated, IV, 178; mechanical uses, 286, 345, 366, VIII, 300, XIII, 137, 357, XVIII, 376; as fodder, IV, 178, VIII, 275, X, 138, XIII, 91, 113, 114, XVII, 33, XIX, 65, XXVI, 232; on Arkansas River, XIII, 100, 130, 288; in Florida, IV, 333; Kentucky, III, 231; Mississippi Valley, IV, 355; Mississippi, 328, 345, 346, 350, 351, 353; on Mississippi River, 304, 356, VIII, 60, XIII, 87; in Tennessee, III, 94, 95, 257; on Red River, XVII, 75; encountered by Bell, XVI, 290; De Soto, XIII, 333; Flag, XXVII, 33; A. Michaux, III, 95; Nuttall, XIII, 97, 141, 215, 225, 230, 234, 284, 293, 297; Woods, X, 252, 315; *arundinaria macrosperma*, V, 42, XIII, 58; *fan per nato*, IV, 356; *miegia macrosperma*, XIV, 91, 140, XVI, 284.

Cankers, depredations of, XXI, 28.

Cannibals, among Indians, XXIII, 278.

Canniff, William, *Upper Canada*, II, 214, 219.

Canning, George, in Dublin, XI, 266.

Cannisters, as equipment, XV, 192.

Cannon, as equipment, I, 173, 188, 238, VII, 63, 241, VIII, 29, 360, XIII, 361, XVIII, 281, 283, 293, 295, 296, 318, XIX, 199, 227, 230, 231, 250, XX, 24, 80, 204, XXII, 335, 376, 377, XXIII, 26, 92, XXVII, 80, 86, XXVIII, 161, 172, XXIX, 60, XXX, 210, 295; of brass, XVIII, 294; recast, XXX, 161; at Fort Adams, IV, 329; Chartres, I, 173; Duquesne, 248; Massac, IV, 277; Osage, VI, 60; Pickering, IV, 295; on Mississippi, XIV, 108; at New Orleans, IV, 367; San Diego, XVIII, 262; fired in celebration, VIII, 46, XXIV, 188; salute, XXII, 344, 374, XXIII, 12, 70, 124, 126, 134, 168; as signal, VIII, 28, XI, 52, 109, XXIII, 125, 156, 157, XXIX, 149; spiked, VIII, 207; Indians fear, XX, 138.

Cannon, E. A., in New Orleans, XXI, 97.

Cannon, Col. John, at Canonsburg (Pa.), III, 347, X, 219.

Canoes. See Transportation.

Cañon City (Colo.), explorers at, XIV, 15, XVI, 34.

#### CANONS —

Black, XVIII, 137.

Colorado River, XVIII, 14, XXVIII, 223-225.

Devil's Gate, XXX, 67, 68.

Del Norte, XIX, 279.

Grand (Royal Gorge), XVI, 34, XXVIII, 191, 192.

Grand River, XXVIII, 223.

Green River, XXVIII, 250.

Little Dalles, XXIX, 272.

Lodore, XXVIII, 225, 233.

Platte River, XV, 292, 297, XXVII, 212, XXVIII, 208, 306, XXX, 63.

Red, XXVIII, 278, 279.

Royal Gorge. See Grand, above.

- Snake River, XXX, 91, 92.  
 Sweetwater, XXVII, 241.  
 Warm Spring, XXX, 62.  
 Yellowstone, XXII, 375.
- Canonsburg (Pa.), founded, III, 347; location, XII, 201; stage station, III, 349, XXII, 145; thermometrical observations, III, 375; theological seminary, XXII, 146; Cuming in, IV, 239, 240; Harris, III, 371; Welby, XII, 201; Woods, X, 219; population, III, 347, IV, 239.
- Canson, —, in Evansville (Ind.), XI, 295, 296, 299; law-suit, 304.
- Cantey, Gen. —, land-owner, XI, 80; in Camden (S. C.), 76, 77, 79; meets Faux, 80.
- Cantharides, infused in liquor, II, 149.
- Canton (Ohio), founded, IV, 114, 233; road, 101; land speculation, 108, XXIV, 156; Cuming in, IV, 234; population, 114, 233.
- Cantua aggregata*, habitat, XXIX, 424.
- Canvas, as covering, XXVIII, 45, 84; article of trade, XXIX, 60.
- Caoquias Indians. See Cahokia.
- Capaha Indians, XIII, 117.
- Cap-au-Gris (Grindstone Point, Ill.), described, XXVI, 128, 129.
- Cap-au-Gris (Mo.), location, XVIII, 32; besieged, 33; Flint in, 26; Pattie, 32; in War of 1812-15, 11; population, XXVI, 128.
- Capechaque, Shawnee chief, I, 43.
- Cape Girardeau (Mo.), III, 80, 81, XIV, 17, XVII, 39, 83, 86-92, 219, XXII, 207, 208, XXVI, 87-89; location, XIV, 92, XVII, 11, 222; population, III, 80, XVII, 87, 126; natural features, XIII, 326, XVII, 218, 219, 226, 245; earthquake, 88, 89; trail to, XIII, 147; land-claims, XIV, 103; Shawnee near, XXVIII, 137; county seat, XVII, 39; Long's expedition at, XIV, 17, 18, 95, 96, XVII, 12, 24, 38, 83-88, 91, 97, 101, 102, 218, 262.
- Cape Girardeau County (Mo.), XVII, 39.
- CAPES —
- Ann (Mass.) XI, 61, XXI, 51.  
 Blanco, XXVIII, 30.  
 A la Bruche. See La Croix, below.  
 Canaveral, VIII, 362.  
 Charles, X, 185.  
 Clark's Point of View, XXX, 193.  
 Cod, VIII, 41, XI, 53.  
 Delaware, IV, 376.  
 Disappointment, V, 234, VI, 233, 298, VII, 76, 78, 83, 117, 229, 246, 247, XXI, 313, 317, 369, XXIX, 35, 70, 80, 193, 199, 200.  
 Fear, VIII, 363, XI, 65.  
 Flattery, XXIX, 74, 98.  
 Florida, IV, 154, VIII, 361.  
 Good Hope, VI, 185, VIII, 22, 23, 37, X, 182, XIII, 114, XVIII, 327.  
 Hatteras, III, 125, IV, 376, VIII, 364, XI, 63, 71, 105, XII, 98.

## CAPES (continued)—

- Henlopen, IV, 376, XXI, 15.  
 Henry, X, 182, 184, 185.  
 Horn, VI, 189, 207, 208, 300, 390, VII, 41, 54, 55, X, 182, XI, 53, XIII, 15, 17, XXI, 11, 15, 22, 28, 334, 341, XXVII, 391, XXVIII, 16, XXIX, 137, 273.  
 La Croix, XIV, 95, 98.  
 La Hogue, XXIV, 194.  
 La point de bois, XXVII, 45.  
 Lizard, XXIV, 194.  
 Lookout, XI, 64.  
 Lookout (Oregon), XXX, 171, 193-196.  
 May, IV, 376.  
 Mendocino, XXVIII, 31, 305, XXIX, 32, 36.  
 North, XXVIII, 31.  
 Point-no-Point, IX, 52.  
 Rosiers, II, 34.  
 St. Cosme, III, 80.  
 St. Roque, VI, 233.  
 Sandy Hook, VII, 43.  
 Spencer, XXIX, 53.  
 Thunder, VI, 391.  
 Tillamook Head. See Lookout (Oregon), above.  
 Townsend, VIII, 233.  
 Capitan de guerra, Pueblo war-captain, XX, 61.  
 Caplinger, Jacob C., expedition for horses, XXX, 148.  
 Capo di Nada (Cape Nothing), origin of name, II, 34.  
*Capraria multifida*, observed, V, 318, XIII, 78, 103.  
 Caps. See Clothing.  
 Capsicum, cultivated, X, 306.  
 Capucin, —, Frenchman, I, 318.  
 Carabesett, Abnauquis Indian, killed by English, XXVII, 68.  
 Carbo, Walla Walla Indian, guide, XXVIII, 309, 315, 318, 326, 329, 330.  
 Carbon, in coal, V, 276.  
 Carbon County (Pa.), post station, XXII, 124; Post in, I, 188; English, 186; Moravians, 178.  
 Carbonates, discovery of, XXVIII, 218.  
 Carbonic acid, in hot springs, XIII, 283, XIV, 59, XVI, 12.  
 Carboniferous system, salt deposits in, XIV, 58.  
 Carbonnière (Mo.), Long in, XIV, 125; orthography, 125, 126; fossils in, 143.  
 Carcage, Spanish quiver, XIX, 235.  
 Carcajon (Carcasioux). See Wolverine.

- Carcel, Spanish jail, XVIII, 352.
- Cardamine bellidifolia*, habitat, XXIX, 424.
- Carden, Maj. —, killed, II, 53.
- Cardenas, Garcia Lopez de, visits Colorado cañon, XVIII, 137.
- Cardinal birds. See Red-bird.
- Cardinal flowers (*lobelia cardinalis syphilitica*), abundant, XXII, 80, 91, 98, 102, 159.
- Cardiospermum halicacabum*, in East Indies, XVI, 155.
- Cardita*, near Engineer Cantonment, XIV, 224.
- Cardona (Spain), rock salt in, XVII, 213.
- Carex*, XIV, 220, XV, 250; new species, XIV, 156; *multiflora*, observed by Baldwin, 124; *oligocarpa*, 61.
- Carey, —, planter, IV, 330, 331.
- Carey, Matthew, publisher, III, 255, IV, 193, V, 198.
- Carey & Lea, XIV, 18.
- Carib Indians, facial angle, XV, 68.
- Carleton, Sir Guy (Lord Dorchester), English official, II, 9, 57, 62, 63, 70, 202, 216, VI, 293.
- Carleton, Maj. James H., account of antiquities, XIX, 336.
- Carlin, Thomas, founds settlement, XXVI, 226, 300.
- Carlinville (Ill.), road to, XXVI, 207; described, XII, 225, 237.
- Carlisle (Ill.), X, 329, XXVI, 12, 245, 247, 251.
- Carlisle (Pa.), road through, I, 22, III, 133, 313, 319, IX, 67; Indian conference at, I, 72, 77, 84-87, 94; appearance, IX, 67; quality of soil, XII, 93; thermometrical observations, III, 374; tavern near, IV, 43, 49, 55; Brown, III, 206; Cuming, IV, 46-49; Davidson, 262; Elliott, XI, 112; Evans, VIII, 122; Harris, III, 370; F. A. Michaux, 139; Nuttall, XIII, 37; Post, I, 237, 291; sketch, 237, 238, III, 139, IV, 46-48, IX, 64.
- Carmelite friar, river named for, XVIII, 281.
- Carmi (Ill.), location, X, 264, 328, 329, 333.
- Carmichael, William, diplomat, III, 39.
- Carneal, Thomas D., in Cincinnati, XIX, 133, 137, 140.
- Carnelian (cornelian), observed by Long, XV, 241; Nuttall, XIII, 143; on Platte River, XVII, 215; Lake Peoria, XXVI, 135.
- Carolinas, IX, 160; topography, III, 296, 297, 301; barrens, VIII, 304; mines, XIX, 308; plants, III, 38, 90, 95, XIII, 98; agricultural, III, 293, 294, XVII, 31; Indian troubles, I, 20, 108, II, 44; emigrants, XIV, 130; traders, XXI, 32; naturalists, III, 82, 85, XIII, 202; character of inhabitants, XI, 77, 85, 96, 125, XII, 72, 82, XXI, 35. See also North and South Carolina.
- Caroline County (Va.), Pattie in, XVIII, 29.
- Carondelet, Baron —, governor of New Orleans, III, 81, XIX, 121, 196, 215.
- Carondelet (Mo., Vide Poche), V, 258, 259, XIV, 108, XXIV, 92, XXVII, 40; French found, XXVI, 143; population, XVII, 126; described, XXII, 215, XXVI, 106, 174; site of Jefferson Barracks, XXI, 122; ruins near, XXVI, 179; now South St. Louis, 178.
- Carp, habitat, IV, 327, VI, 369, XXIX, 93; abundant, XXVII, 365, XXIX, 191, 254; noted, XXVII, 260.



Carpenters. See Trades.

*Carpinus ostrya americanus*, III, 62, 83; observed by Long, XIV, 61, 62, 128.

Carr, Lucien, *Mound Builders*, IV, 116, XXIV, 128, XXVI, 69.

Carradine, Parker, in Mississippi, IV, 317.

Carrier, —, Astorian, V, 233, VII, 184.

Carrier (Porteur, Stavten) Indians, origin of name, XXVII, 307; habitat, VII, 159, XXIX, 253; affinity, 277; tribes, XXVII, 307; population, 166; Demers among, XXIX, 233; De Smet, 258-260.

Carrizal (Mex.), XX, 158, 193.

Carroll County (Ky.), seat, IV, 258.

Carroll County (Mo.), V, 56, XIV, 165, XV, 178, 180, XXII, 245.

Carrollton (Ill.), flag in, XXVI, 12, 300, 302; railroad, 297; population, 300.

Carrollton (Ky.), originally Port William, X, 240; seat, IV, 258.

Carrots, as food, X, 339, XXIX, 66; luxury, XXIV, 89; supply, XII, 158; cultivated, X, 209, XXI, 281, 298; scarcity, X, 304; market, III, 122; prices, XII, 64.

Carson, Capt. —, in Delaware, XII, 85, 86.

Carson, Alexander, hunter, V, 93, 180, VII, 215; among Arikara, V, 178; Sioux, 111.

Carter, —, tavern-keeper, X, 208, 209, 353.

Carter, —, planter, IV, 338, 344.

Carter, —, in Washington (D. C.), XII, 109.

Carter, Charles F., *Missions of Nueva California*, VI, 342, XVIII, 274.

Carter, John, in Watauga (Tenn.), III, 98.

Carter County (Mo.), rivers in, XVII, 37.

Carthage (Ill.), Joseph Smith in, XX, 99, XXVI, 358.

Carthage (Ind.), renamed Mount Meridian, XXX, 31.

Carthage (Ky.), Cuming in, IV, 269.

Carthage (N. Y.), waterfall near, XIX, 152.

Cartwright, Maj. John, reformer, X, 27, 28.

Cartwright, Peter, in Lebanon (Ill.), XXVI, 253.

Carver, Jonathan, on St. Peter's River, XV, 130; Rum River, XXVIII, 153; names Oregon, VII, 36; Indians dance for, XV, 127; describes Sioux, XVII, 306; no trader, II, 13, 169; map, 99, 151; methods, 120; *Travels*, 30, 168, 169, XXVIII, 155; sketch, II, 30.

Cary, William, London manufacturer, XVII, 256.

*Carya*, soil adapted to, XIV, 184; species, 213; *aquatica*, XIII, 89; *olivæformis*, XXVI, 65.

*Caryophyllaceæ*, XIII, 67, 143, 237, XIV, 81, 170, 171.

Casa Colorado, village in New Mexico, XIX, 336.

Casa Grande, ruin in Arizona, XX, 68-70.

Casas Grandas, ruin in Mexico, XVIII, 155.

Casburgot. See Buffalo fish.

Cascade Indians, population, XXIX, 99; epidemic among, 167.

Cascade (Colo.), stage road, XVI, 24.

- Cascade (Wash.), island near, VI, 309.
- Casey, —, farmer, IV, 272.
- Casheseagra, Arkansas chief, V, 177, 191, 192.
- Caskaquia Indians. See Kaskaskia.
- Caspar (Wyo.), site, XXVII, 212, XXX, 66.
- Casqui Indians, origin of name, XIII, 353.
- Cass, Lewis, governor of Michigan, I, 56, VIII, 216, 217, XVIII, 368; at Indian treaty, XXII, 279, XXVIII, 152; Indians interest, XXII, 70, XXIII, 20.
- Cass County (Ill.), settlement in, XXVI, 126; boundary, 319.
- Cass County (Minn.), river in, XXVIII, 152.
- Cass County (Nebr.), boundary, XIV, 219; drainage, XXII, 264.
- Cassandra, slave, XI, 102.
- Casseau, —, accident to, XXI, 229.
- Cassia, collected by Long, XVI, 96; *marylandica*, III, 29.
- Cassia County (Idaho), creek in, XXX, 90, 91; map of, 92.
- Cassine *naupon*, as substitute for tea, XVII, 51.
- Cassino. See Keasseno.
- Castanea pumila*, observed by Long, XVI, 165.
- Castilleja sessiliflora*, observed by Bradbury, V, 319.
- Castle Garden, described, XXII, 60.
- Castleton (Vt.), Griffin in, XXVIII, 275.
- Castor, Kansa Indian, VI, 44, 45, 55.
- Castor beans, cultivated, XXVII, 71, 115.
- Castor oil, as a remedy, XV, 71, XXI, 95; manufactured, XXVI, 199.
- Castoreum, as ointment, XXIII, 266.
- Castors. See Beavers.
- Castro, José, uprising of, XXX, 89.
- Cat Indians. See Erie.
- Catacombs, cavern employed as, XXVI, 296.
- Cataldo (Mont.), site, XXVII, 365.
- Catalpa (*catalpa cordifolia*), origin of name, XIV, 84; habitat, XIII, 78, XIV, 83, 84, XVII, 115, XXII, 166; abundant, 65, 189; cultivated, 69; observed, 42, XXVI, 259; blossoms, XXIV, 135; wood, XXII, 193.
- Catamaya Indians, De Soto among, XIII, 330.
- Catamounts, on Alleghanies, VIII, 52; on Columbia, VI, 323.
- Cataraqui, capital of loyalist settlements, II, 114, 217; Long at, 213, 216. See also Forts: Frontenac.
- Catatouch Indians, Clarke among, VII, 208, 212-214, 221.
- Catawba Indians, I, 34, 223, 243, 251, 271; tree named for, XIV, 84.
- Catbird (*turdus felivox*), XV, 320, 325, XXII, 67, 83, 369, XXIV, 157.
- Caterpillars, XXII, 47, 61, 88, XXIV, 109, 110, 121, 131.
- Catfish (*silurus felis*), III, 189, X, 224, XIII, 326, XXI, 135, 149; habitat, II, 118, IV, 327, 353,

## CATFISH (continued)—

VI, 96, XXIII, 94, 250, XXVI, 135, XXVIII, 192; size, VIII, 295, X, 69, XIV, 217, XXII, 170, 238, XXIV, 109, 122; caught, XXVIII, 72, 184; price, XVI, 69, 234; as food, XXII, 312, XXIV, 94; two species, XIII, 241, XXII, 263, 264, 386, XXIII, 42.

Cathedrals. See Churches.

Cathlamet (Cathlamux, Katlamat) Indians, habitat, VII, 102, 103, XXX, 203; flatten heads, XXI, 203.

Cathlamet (Wash.), VII, 103, 117, XXI, 361.

Cathlanaminim Indians. See Clannahminnamum.

Cathlapotle (Kathlapootle) Indians, on Columbia River, VI, 247, VII, 102, 103.

Cathleyachéyach Indians, VII, 123, 257-260.

Catholics, XXVI, 261; orders, XX, 41; converts, XVIII, 287, XXVIII, 212; prejudice against, XXVII, 236, 238; bigoted, XVIII, 256, 344, 345; intolerant, XI, 115, XVIII, 152; Sunday observance, XIX, 125, XXVII, 229; laws, XIX, 261; friars, XIII, 120, XIX, 270, XX, 43, 61, 192; priests, XVIII, 16, XIX, 329, XX, 44, 45; monks and monasteries, 41, XXVI, 193, XXVII, 48, 49; sisters, XXVI, 167, 175, 279, XXVII, 254, XXVIII, 16, 159, 167-170, XXIX, 234, 280; convents, IX, 327, XXVII, 64, XXIX, 181; burial grounds, X, 190; catechisms, XIX, 332, XXVII, 402-412, XXIX, 128; festivals, XVIII, 311, 312, 355, XX, 47, 48, XXVI, 165; medals, XX, 41; miracles, 43, 44; music, 36, XXVII, 40, XXVIII, 351, XXIX, 156, 164; penances, XX, 48, 49; prayers, XXVII, 142, 364, XXIX, 413; saints and saints' days, XVIII, 74, 255, 357, 372, 379, XX, 47, 48; statues of apostles, 187; Virgin Mary, patron saint, XIX, 347, XXVII, 282, 329, 347, XXIX, 412, 418; Mexicans venerate, XX, 43, 142; miraculous appearance, XVIII, 356, XXVII, 384; portrait, XVIII, 357, XX, 40-42; statues, XVIII, 379, XX, 48, XXVII, 206, 384; legend, XX, 38-43; university, XI, 127, XXVI, 164; French settlers as, XXVII, 54; in California, XVIII, 15, 272; France, VIII, 28, IX, 331; Illinois, X, 144, 327, XIX, 60, XXVII, 61, 64, 72, 93, 118; Indiana, XI, 208; Kentucky, IV, 183, IX, 132; Louisiana, IV, 359, 364, 365, 368, 369, XIII, 316; Maryland, X, 195, XI, 125, XII, 290; Mexico, XVIII, 147, 272, 338, XX, 37, 41, 98; Mississippi, IV, 322, 357; Missouri, XXVI, 165, 174, 278, 290; Montreal, IX, 327; New Mexico, XVIII, 338; New York, VI, 193; Ohio, XXIX, 166; Pennsylvania, III, 135, 337, 369, IV, 31, 48, 85, 254, IX, 55, XII, 300; Oregon, XXIX, 20, 23, 101, 115, 118-120, 126, 129, 130, 133, 142, 143, 180, 182, 278, 280, XXX, 156, 159, 180, 241; land claim, XXIX, 142; dioceses, 141; in Whitman massacre, 142; on Red River, 231; expelled from Hawaii, XXVII, 391; at frontier forts, XXIX, 179, 181, 183, 232, 249; Indian missions, I, 153, 216, VI, 401, VII, 313, IX, 331, XVIII, 255, 273, XX, 54-59, 289, XXI, 58, XXVI, 14, XXVII, 281, 295-297, 319, 337, 369, 386, XXVIII, 224, XXIX, 118, 128, 153, 254, 262, 277 (see also Missions and Indians); among Attaye, XXVII, 377; Chaudière, 319; Chinook, 389; Flatheads, XXVI, 14, XXVII, 281, 329; Iroquois, 368; Kutenai, 358, XXIX, 203; Okinagan, XXVII, 370; Potawatomi, XX, 289; Sacket, XXIX, 130; Indians revolt, XX, 23; *Almanac*, XXIX, 111, 121, 126, 129, 131, 133, 138. See also Churches, Clergymen, and the several nationalities.

Catkins (*amenta*), observed by Maximilian, XXII, 145.

Catlettsburg (Ky.), IV, 155, XXII, 154.

Catlin, George, artist, V, 86, VI, 126, XXII, 236; Indian portraits, V, 90, XXII, 32, 218, 280, 283, 345, XXIII, 13, 88, XXIV, 126; vocabulary, XXIII, 126; describes Indians, XV, 41, XXIX, 242; discovers pipestone, II, 83, V, 107, XXII, 322; letter from, 18, XXIII, 324; plan of Niagara, XXIV, 170; sketch, XXII, 32; *North American Indians*, XIV, 177, XXII, 32, 301,

325, 345, 350, 353, 366, XXIII, 13, 21, 88, 264, 269, 271, 278-280, 282, 291, 298, 308, 313, 322, 324, 360, 366, 376, XXIV, 99; *Okeepa*, XXIII, 324, 327, 328, 330, 331, 333.

Catlinites, origin of name, II, 83, XXII, 322.

Cats, domestic, VI, 40, X, 281, XII, 11, XVIII, 335; fear whites, XXI, 257; in Fort Clark, XXIII, 235; among Indians, VII, 65, XXI, 257.

Catskill (N. Y.), site, XXIV, 190.

Cat-tail Swamp (Ohio), Cumings in, IV, 214.

Cattle, I, 107, 109, III, 134, 190, IV, 62, 229, VIII, 328, 329, X, 180, 186, 241, 281, 310, XI, 106, 107, 112, 250, 290, XIII, 58, XVIII, 147-150, 226, 304, 305, XIX, 260, 319, 320, XX, 34, XXII, 61, 88, XXVI, 210, 252, XXVII, 39, XXX, 45, 147; as stock, VII, 176, IX, 119, X, 134, 263, 355, XI, 137, 153, 300, XVI, 286, XX, 23, 303, XXVIII, 174, XXIX, 22, 24, 40, 90, XXX, 113; at large, III, 134, XII, 327, XIII, 113, 114, XXIV, 123; stampede, XXX, 38; enclosed, XII, 218, XV, 171, XXVII, 46, 58; breeding, XIX, 140, XXI, 298, XXII, 141, 184, 185; quality, VIII, 313, 341, IX, 38, 39, 50, 80, 119, 162, 234, 235, 310, X, 316, 354, XI, 226, XII, 95, 321, 322, XXII, 47, 266, 377, XXIV, 111; raising, IX, 188, X, 339, XVIII, 154, 222, 223, 227, XX, 56, 248, 268, 303, XXII, 125, XXIV, 140, 148, XXIX, 88, 90, 95, 101, 102, 122, 208, XXX, 117, 173, 240, 290-292, 295; cost of, VIII, 330, XXX, 290, 292; care of, V, 260, IX, 162, 234, XI, 247, XXII, 130, XXIV, 152; housed, X, 279, 280, XXI, 36, XXII, 106; bells on, X, 285, XI, 226, XXII, 121; marked, X, 282, 283, 311; fodder, V, 42, 43, 260, 284, 294, 295, VI, 39, VIII, 144, 194, 256, 268, 300, 330, IX, 49, 65, 234, X, 50, 101, 138, 252, 271, 292, 293, 298, 301, 305, 339, 354, XI, 123, 142, 158, 205, 219, 258, XII, 63, 94, 293, XIII, 113, XIV, 75, 140, XIX, 111, XXI, 299, XXII, 185, XXIX, 88; pasturage, III, 194, 221, 289, XI, 100, 188, XIII, 136, 161, 166, 200, 219, XIV, 220, XVII, 214, XVIII, 76, XIX, 31, 299, XX, 248, XXII, 83, 92, 133, XXIV, 107, 127, 134, 178, XXVI, 247, XXVII, 26, 45, 47, XXX, 82, 83, 90, 92-96, 135, 150, 151, 170, 180, 189, 258; scarcity of water, IX, 38, 39, X, 154, 336, XII, 249, 250; herdsmen, V, 267, 268, X, 122, 138, 282, XV, 100, XVIII, 121, XIX, 288, 319, 320, XX, 35, 36, XXX, 128, 144, 145, 155, 171, 192; accompany emigrants, IX, 98, 233, X, 102, XI, 203, 204, XIV, 59, XVI, 162, XVII, 33, XXI, 141, 230, XXVI, 357, XXX, 12, 35, 40, 75, 153, 192, 257; strayed, XIX, 194, XXX, 103, 111, 112, 140, 250, 251; stolen, I, 117, XIII, 190, 222, XVIII, 144, XX, 75, 77, 94; abundant, VI, 37, XI, 168, XVIII, 149, 278, 340, XXII, 129, 151, XXVI, 55, 232, 261, 274, XXVII, 93; scarce, XI, 190; diseases, VIII, 194, X, 286, XIV, 141, XXVII, 96, XXX, 49, 122; poisoned, XI, 206; drowned, XVII, 24, XXII, 182; attacked by wolves, XX, 271; by flies, XIV, 131, 132; frightened by storm, XXX, 44; visit salt licks, IX, 116, X, 62, 274, 282, XIV, 112, XXX, 47; paths made, XXII, 189; destroy canebrakes, III, 95, 257; article of trade, VIII, 188, 189, 269, IX, 63, XVIII, 287, 288, XXX, 86, 105, 108, 190, 192, 222, 229, 234, 235, 239-242, 249, 294; speculation in, III, 191, IV, 135, XXX, 258; dealers, X, 209; source of wealth, XXX, 174, 238; prices, V, 316, VIII, 331, X, 74, 101, 122, 123, 192, 263, 281, 282, 355, XI, 146, 148, 180, 241, XIII, 311, XXX, 86, 108, 219, 258, 262, 263; fairs, XII, 321, 322; auctions, X, 347; markets, IV, 136, XXI, 26, 73; raising in Middle West, XI, 146, 178, 204, 218, 219; frontier forts, VI, 283, XXVIII, 320; Arkansas, IV, 277, 298; California, XVIII, 278, 309, XXIX, 27, 62; Carolina, III, 299; Florida, IV, 338; Illinois, III, 69, 70, XIX, 59, XXVII, 58, 119; Indiana, IX, 185, XXIV, 140; Kansas, XXI, 147; Kentucky, III, 245, IV, 188, VIII, 78; Louisiana, XIII, 311; Mexico, XVIII, 145, 227, 228, XX, 160, 163; Mississippi, IV, 352; Missouri, 281, XIX, 65; New England, VIII, 109, 348; New Mexico, XVIII, 309, 340, 341; North Carolina, III, 289; Ohio, IX, 80, XXII, 146; Oregon, XXVIII, 337, 359, XXIX, 62, 90, 96, 185, XXX, 88; Tennessee, III, 281; on Poto-mac, XII, 97; Cape of Good Hope, VIII, 22, 23; Sandwich Islands, VI, 221; at Fort Leaven-

## CATTLE (continued) —

worth, XXIV, 113, 115; Pierre, XXII, 318; Union, 377; Vancouver, XXI, 298; Walla Walla, 279; compared, IX, 80, X, 282, XXII, 47; owned by fur-traders, XXX, 75; Mormons, XXIX, 371; by Indians, IV, 90, XIII, 174, XVIII, 226, 227, 278, XIX, 141, XX, 55, 71, XXIII, 90, XXIV, 162, XXVIII, 119, 122, 126, 129, 131, 134-136, 138, 140, 144, XXIX, 97, 203, 301, 322, XXX, 235, 238; hides, XVIII, 151, 226, 276, 350, 364, XXVIII, 87, XXIX, 94, XXX, 218; veal, quality of, IX, 30, XII, 320; price, V, 288, X, 281; eaten, 199, 284, XII, 276, XXX, 151. See also Milk.

Cattleputle Indians. See Cathlapotle.

*Caudisona tergemina*. See Snakes.

Caughnawaga (Caghnawago) Indians, at Fort Duquesne, I, 85. See also Goghnewage.

Caughnawaga (Can.), Indian mission, II, 9, 36-40, 47, 58, 61, 62, 90, VI, 399, XXIV, 186, XXVI, 14.

Caughnawaga (N. Y.), Indian town, IX, 313, 326, XXVII, 230.

Cauldron Indians, population, XXVII, 166. See also Kettle.

Cauliflower, prices, XII, 324.

*Caulophyllum thalictroides*, Long observes, XIV, 62.

Cavalier, —, land grant, XXVII, 45.

Cavendish, Sir Thomas, on Northwest Coast, XXVIII, 36.

Caverly, Alfred, obtains railroad charter, XXVI, 297.

## CAVES —

Cave-in-Rock ("House in Nature"), described, XIII, 71, XIV, 80, 81, 91, 97, XXII, 202, XXIV, 132; Long in, XIV, 80; view of, XXV, 7.

Cliff (Indian), XXVI, 176-178.

Dante (Mexico), XVIII, 378.

Devil's Hole, IV, 132.

Devil's Oven, XIV, 97.

Gila River, XVIII, 92.

Grafton (Ill.), XXVI, 295, 296.

Grand Monadnock, VIII, 106.

"House of the Infants," XXIII, 376.

Kentucky, III, 220, IV, 181, VIII, 141, XIV, 81, XIX, 95.

Mammoth, IX, 281.

Mount Anthony, VIII, 116.

Ohio River, IV, 130.

Put-in-Bay, VIII, 241, 242.

Roaring River, III, 259.

Rock Inn, XXVI, 72-77.

Rocking (Ill.), IV, 272, 273.

Caya Indians, origin of name, XIII, 353; province, 328; on Washita River, 330; De Soto among, 329; La Vega, 145; exterminated, 145.

Cayenne, —, letter from Bolduc, XXIX, 145.



Cayserd, —, in Tennessee, III, 283.

Cayuga (Fr. Goyogan) Indians, Iroquois tribe, II, 43, 44, VIII, 127; habitat, I, 167, II, 45, VIII, 127, 187, XXIV, 163; population, I, 31, 167; chiefs, 235, XIII, 339; deputies, I, 280; in Kuskusking, 254, 257, 258, 268; with Post, 237; treaty with English, 30, 42.

Cayuga (N. Y.), emigrants in, V, 296; Evans, VIII, 126.

Cayuga County (N. Y.), marshes in, XXIV, 179.

Cayuse Indians, habitat, VII, 137, XXI, 281, XXVIII, 340, XXX, 108; offshoots, 178; village, 111; population, VII, 138, XXVII, 166; character, XXI, 281, 282, 302, 303; cleanly, XXX, 115; physique, XXI, 272, 349, 350; compared with Walla Walla, XXX, 116; language, XXVIII, 333, 343, XXIX, 185; manners and customs, XXI, 349, 351, XXVIII, 356; dress, 329; weapons, VII, 138; buffalo hunting, XXVIII, 329; horses, 341, 351; as traders, 341, XXX, 105, 229, 239; relations with missionaries, XXI, 352, 353, XXVII, 377, 392, XXVIII, 12, 331, 332, 344, 345, XXX, 108, 113, 240; hostile, VII, 137; treaty with United States, XXX, 16; sketch, VII, 137, 138; Lee among, XXX, 110; McKay, XXI, 225; Palmer, XXX, 18, 106-108, 235; Townsend, XXI, 272, 349-352; Whitman, XXVII, 389, XXX, 15, 285; Wyeth, XXI, 271; at Waiilatpu, XXVIII, 339, 340; on Walla Walla River, XXI, 349.

Cazenovia (Casnove, N. Y.), Evans in, VIII, 125.

*Ceanothus americana*, XV, 186.

Cebolitta, pueblo described, XX, 69.

Cedar birds (*bombycilla cedrorum*), habitat, XXIV, 170; observed by Long, XV, 320.

Cedar trees (*juniperus*), observed, V, 158, X, 200, XII, 162, 211, XIII, 229, XIV, 145, XVI, 90, XVIII, 87, XX, 156, XXI, 174, 198, XXII, 297, XXIV, 101, XXVII, 241, 257, 339, 365, XXIX, 69, XXX, 63, 68, 76, 172, 178, 184, 186; habitat, II, 81, IV, 272, V, 47, 50, 100, 184, VI, 46, 94, 95, 110, 147, 156, 319, VII, 117, X, 204, 205, XII, 76, 323, XIV, 213, XV, 142, 295, XVII, 124, 149, XX, 218, XXIII, 81, XXVI, 50, 89, XXVII, 162, 225, 372, XXIX, 345, XXX, 54; abundant, XVI, 171, XVIII, 377, XXI, 52, XXIX, 30, 35, 36, 38, 42, 44, 50, 64, 87, 95, 178, 200, 208, 212, 282, 309, XXX, 127, 130, 195, 289, 296; scarce, XXIX, 49; size, VI, 350, XXI, 200, XXIX, 47, 48, 307; stunted, XVI, 66, XVIII, 107, XXVI, 139; dwarf, VI, 34, XVI, 31, 36; procumbent, XVII, 199; shrub, XVI, 44, XXVIII, 109, 187, 188, 190, 192, 278, 292, 296, 324, 377; swamp, XVII, 143; fossilized, XXIII, 219; red (*juniperus virginiana*), III, 230, V, 254, XIII, 148, XV, 306, XVI, 13, 16, XXI, 200, XXII, 292, 295, XXIII, 392; habitat, III, 212, 215, XVI, 13, 25, XVII, 16, 77, 116, XXII, 209, 239, 241, 243, 292, 297, 332; abundant, XVII, 71, XXIV, 93; scanty, XVII, 134, 135; size, XXII, 202, 293, XXIX, 35; Oregon (*thuya gigantea*), XXVII, 340, XXIX, 264, XXX, 153; white (*occidentalis arbor vitæ*), III, 47-49, IX, 317, 319, XVII, 81, 124, 169-171, 178, 182, XXIX, 87, 95; Lebanon, at Mount Vernon, XII, 124; used as fuel, XXII, 292, 295, XXX, 248; lumber, VII, 112, IX, 40, 256, XXVIII, 150, 369, XXIX, 69; shingles, XII, 162; use of bark, VI, 251, 325-327, VII, 106, XXIX, 282, XXX, 156. See also Indians: Canoes, Clothing — petticoats.

Cedar Bluffs (Ill.), IV, 278.

Cedar Prairie (Ark.), XIII, 202, 203, 207, 227.

Cedars (Can.), IX, 313, 325; battle at, II, 54, 55.

*Celastrus scandens*, observed by Baldwin, XIV, 128; Maximilian, XXII, 293; abundant, XXIV, 22.

Celery, salad, XII, 299; prices, III.

Celiast, Clatsop Indian, XXI, 73.

- Celis, Eulogio, purchases mission, XVIII, 279.
- Céloron, Pierre Joseph, sieur de Blainville, sketch, I, 59; expedition in Ohio Valley, XII, 23, 24, 48, 54, 59, 61, 89, 93, 122, 130.
- Céloron, Jean Baptiste, I, 59.
- Celtis*, observed by Maximilian, XXII, 293; *integrifolia*, XIII, 104; *occidentalis* (American hackberry), III, 29, 53, 77, 78, 176, XIV, 62.
- Cement, argillaceous, XIV, 73, XVII, 254, 255; colored, XIV, 83; hydraulic, XXVI, 50; manufacture of, XIV, 74, XXVI, 51; as building material, XVIII, 343, XXVII, 82.
- Centaurea austriaca*, observed by Nuttall, XIII, 220; *speciosa*, XVI, 144.
- Centipede (*scolopendra*), described, XVI, 100, XIX, 328.
- Central America, Columbian Indians in, VI, 336.
- Central City (Colo.), mountain near, XXVIII, 185.
- Central Pacific Railway, route, XXX, 91.
- Centre County (Pa.), iron foundries in, XVII, 234; road, I, 190.
- Centreville (Ohio), Archer in, IV, 71.
- Century Dictionary*, XXVI, 212.
- Century Magazine*, V, 116, XVIII, 263, 274, 291, 305, XXVI, 17, XXVII, 180, 191, 219, 220, 236, 278, XXVIII, 113.
- Cephalanthus*, observed by Long, XVI, 125; Nuttall, XIII, 71; *occidentalis*, III, 30.
- Cephier, —, Indian interpreter, XXII, 309, XXIV, 94.
- Cerastium vulgatum*, observed by Long, XIV, 62.
- Cercis*, observed by Long, XVI, 151; *canadensis*, III, 29, 30, 59, 79, V, 280, XIV, 61,<sup>5</sup>62, 156.
- Cerda, Don Tomas Antonio de la, Mexican viceroy, XIX, 268.
- Cereus, night-flowering, XV, 277.
- Cerillos (N. Mex.), mining in, XIX, 303.
- Cerithium*, length, XIV, 227.
- Cerré (Céré), —, fur-trader, VI, 403, XXII, 232.
- Cerré, Gabriel, in Kaskaskia, XXI, 184.
- Cerré, Michael Lamie, sketch, XXI, 184.
- Cerré, Pascal, fur-trader, XXI, 184, 192; in flood, XXIII,<sup>1</sup>237.
- Cerro Gordo (Mex.), in Mexican War, XIX, 185; Gregg in, XX, 163.
- Chábin (gens des montagnes) Indians, affinity, XXII, 388.
- Chaboillez, Charles, on Pembina River, XXIII, 353.
- Chacal, habitat, XIII, 262.
- Chacchi-oumas (red cray-fish) Indians, habitat, XIII, 357.
- Chagmett, Indian village, I, 167.
- Chair-makers. See Trades: Chairs, and Furniture.
- Chakekenapok, in Indian legend, XXIX, 376.
- Chalakee (Chalaque) Indians. See Cherokee.
- Chalam Indians, population, XXIX, 98.

- Chalax, Pend d'Oreille chief, XXIX, 174; character, 177; baptized, XXVII, 284; greets De Smet, 336.
- Chalcedony, abundant, XXI, 182; observed by Nuttall, XIII, 217, 230; Long, XV, 241, XVII, 31; Townsend, XXI, 233, 236.
- Chalco (Mex.), Indian relics in, XXII, 174.
- Chalk, XVII, 226; Indian pottery in, XXVII, 103; observed by James, XV, 173; on Columbia River, VI, 318; Mississippi River, IV, 280, VIII, 315, XIII, 76, XIV, 87; White River, XXVI, 109.
- Chalmette (La.), site of battle, XIX, 121.
- Chama* (shell), XVI, 41.
- Chamberlain, Dr. A. F., cited, XXIX, 192.
- Chamberlain, Joshua L., *Maine*, VIII, 57.
- Chamberlain, Levi, letter from Spaulding, XXIX, 38.
- Chamberlain (S. Dak.), Cedar Island near, V, 99, VI, 95; hills near, XXII, 301.
- Chambers, —, Santa Fé trader, XIX, 175, 216.
- Chambers, —, tavern-keeper, XII, 212, 214, 275.
- Chambers, —, English emigrant, XI, 116.
- Chambers, Benjamin, founder of Chambersburg (Pa.), I, 238.
- Chambers, Benjamin, in Indiana, XI, 201.
- Chambers, Gen. James, of Pennsylvania, XI, 201.
- Chambers, Judge Samuel, X, 62, XI, 201, XII, 12, XXIV, 141.
- Chambers, Col. Talbot, XIV, 158, 168, 172.
- Chambersburg (Ind.), founded, X, 62.
- Chambersburg (Pa.), road, IV, 34, 51, IX, 69, X, 35, XII, 192; location, IX, 67; immigrant station, 67, 68; originally Fort Chambers, I, 238; sketch, III, 368, 369, IX, 64; Faux in, XII, 20; Flint, IX, 67; Harris, III, 372, 373; Hulme, XII, 182, 183; Welby, 182, 183; population, III, 68, IV, 51.
- Chameleon (*camaleon*) horned. See Frogs, horned.
- Chamindiway, Ottawa chief, I, 161.
- Chamois, resemble antelopes, XX, 277.
- Champaign County (Ill.), prairie in, XXVI, 340; river, 319.
- Champee (Oregon), mission school near, XXVII, 388.
- Champlain, Samuel de, French explorer, II, 48.
- "Champlain," steamboat, XXIV, 190.
- Champoege (Champois), Oregon village, XXIX, 20, 167, 179, 180; Bailey in, XXI, 329; De Smet, XXIX, 179; Manson, 284; Palmer, XXX, 179-181; Rector, 141.
- Champoege County (Oregon), boundaries, XXX, 215.
- Chancer (Osage des Chênes, Osage of the Oaks) Indians, XVI, 274.
- "Chancellor Livingstone," steamboat, IX, 46.
- Chandler, Mrs. —, mail agent, XI, 89.
- Chandler, —, discovers silver, XII, 18.

- Chandler, Richard, describes hot springs, XXIX, 208.
- Chandler, William, tutor, III, 381.
- Chanier's Band, Osage Indians, V, 191, 192.
- Channetakque (chapaleel, shanataque, *cnicus edulis*), as food, VI, 321, 322.
- Chaparral cock (*geococcyx californianus*, or *affinis*), described, XIX, 328.
- Chapelle, André la, murdered, VI, 344.
- Chapels. See Churches.
- Chaplin, —, merchant, IV, 235.
- Chaplin, —, in Texas, XVIII, 366, 367.
- Chapman, —, tavern-keeper, III, 86, 216.
- Chapman, W. W., in Oregon, XXIX, 59.
- Chapman, William, accompanies White, XXX, 100.
- Chaptal, Jean Antoine, commissions F. A. Michaux, III, 109.
- Char (fish), abundant, XXI, 199.
- Charata-Numakschi. See Wolf Chief.
- Characterish. See Sharitarish.
- Charbonneau (Chabonneau), Toussaint, interpreter, XIV, 182, XXII, 16, 345, 351, 352, 363, XXIII, 218-222, XXIV, 50, 221; residence, XXII, 357; among Mandan, XXIII, 254; Minitaree, 229, 230, XXIV, 65; Indian names, XXIII, 221; relations with Indians, XIV, 204, XXIV, 24, 67; at medicine festival, 33, 34; recollections, XXIII, 237, 276; employed by fur-companies, 227, 229, XXIV, 44; with Astorians, VI, 44, 84; Kipp, XXIV, 53; Lewis and Clark, XXIII, 223; Lisa, VI, 32; Maximilian, XXII, 16, XXIII, 217, 219, 255, XXIV, 20, 22, 27, 30-32, 35; Say, XIV, 187, 205; sketch, VI, 32, 33, XXIII, 223.
- Charbonnière (Mo.), location, XIV, 125.
- Charcoal, stratum of, XVI, 286, XVII, 210; fuel, XXIII, 142; Indian paint, XV, 74, 84, XVII, 15; at Kanawha, XIV, 83.
- Chardon, François A., clerk, XXIII, 188, 189; cited, XXIV, 296; hunts buffalo, XXIII, 192; with Maximilian, 206, XXIV, 82; leads party, 81; with Indians, XXIII, 87, XXIV, 86, 89; at Fort Jackson, 49; Fort Mackenzie, XXIX, 368.
- Chariton (Mo.), described, XIV, 158; Field in, XV, 179; Long and James, 178; Pattie, XVIII, 37; sketch, XIV, 158, 159, XVIII, 37, 38.
- Chariton County (Mo.), boundary, XV, 178.
- Charles, Pend d'Oreille Indian, XXVII, 370, 371, XXIX, 329, 335.
- Charles II, king of England, XII, 131, XXIX, 52.
- Charles IV, king of Spain, XXVII, 78.
- Charles V, king of Spain, XIX, 104, XXVI, 230.
- Charless, Joseph, printer, V, 89, 198.
- Charleston (Ind.), seat, XIX, 68.
- Charleston (S. C.), III, 119-123, 125, 133, XI, 33, 42, 63, 104, 105, 112; climate, XII, 81; settled, XIII, 176; population, III, 122, IV, 109, XI, 67; character of, XII, 74; in Revolution, I, 163; Indian prisoners in, 74; slave-trade, XI, 62; free negroes, 103; seaport, 41; lighthouse, 106; trade centre, III, 120-125, 244, 291, 295, 297, 300; wages and prices, 201, 303, 304, XII, 71; merchants, 290, XI, 73; bankers, 56, 60; newspaper, XII, 310; unhealthfulness, XI, 98; yellow

- fever, III, 118, 119, XI, 103, 104; Agricultural Society, III, 123, 124; Bancroft in, 128; Faux, XI, 13, 61, 65, 92, 304, XII, 68, 71, 74; Gray, VI, 185; Genet, III, 13; Hayne, XI, 97, 98; Hays, III, 93; Hutchins, XXI, 39; Lee, III, 54; A. Michaux, 12, 16, 52, 53, 103, 104; F. A. Michaux, 125, 133, 188, 306; Monroe, XI, 65; Ramsey, III, 211; *Courier*, XI, 91, 92, 95; *Times*, 95, 96.
- Charleston (Va.), IV, 108, 110; founded, III, 50, IV, 141; origin of name, 108; described, 108, 109, X, 79; roads, IV, 108, 234; manufactures, 109, 110; Cuming in, 111; Doddridge, 107; Long, XIV, 61; M'Cammon, IV, 219; A. Michaux, III, 52; sketch, X, 200, 201.
- Charlestown (Mass.), population, XXII, 41; bridges, 46; view, 47; transportation rates, XI, 62; navy yard, XXI, 27; Harris in, III, 20; Morse, XII, 50; Tufts, XXI, 92.
- Charlestown (Ohio), sketch, IX, 276-278.
- Charlevoix, Pierre François Xavier de, historian, XIII, 116, XXVII, 39, 41, 129; among Natchez, XIII, 290; in Illinois, XXVI, 141, XXVII, 48; describes customs, XIII, 117, 118, 342, XX, 339, 343; Algonquian, I, 139; Iroquois, XXIV, 163; Missouri, XV, 134; Mohican, I, 31; Natchez, XIII, 339; Quapaw, 120, 121; orthography, 322; Indian nomenclature, 329, XXVI, 226; plant noted, XXVII, 338; *Historical Journal*, XIII, 116, 122, 251, 322, 344-346, 356-358, 364, XX, 66, 293, XXVI, 104, 105, 113, 115, 116, XXVII, 68, 69, 305.
- Charlot, Flathead chief, XXVII, 356.
- Charlotte (N. C.), road, III, 101, 102.
- Charlottesville (Va.), Lewis in, V, 153.
- Charruas Indians, sacrifice to dead, XXIII, 121.
- Chartier, French-Shawnee half-breed, I, 25, 32, 64.
- Chartier's Old Town (now Chartier's Station, Pa.), Weiser in, I, 23, 25, 26.
- Chartres (Ill.), early court in, XXVII, 79.
- Chase, Judge Samuel, Pinkney with, XII, 31.
- Chase County (Kans.), river in, XIX, 204.
- Chat, yellow-breasted, on Mississippi River, XIV, 100; observed by Long, XV, 319, XVI, 26.
- Chatham, Earl of. See Pitt, William.
- "Chatham," vessel, VII, 119.
- Chatot Indians, habitat, XIII, 357.
- Chatterer-bird (silk tail), habitat, XXIV, 168.
- Chatteris (Eng.), emigrants from, XI, 118, 123, 227, 232, 262, 263, 299.
- Chaudière (Shuyelpi, Shuyelphi, Shwoyelpi, Skoyelpi, Wheelpoo) Indians, native name, XXVII, 319; village site, 372; language, 370; relations to missionaries, 319, 370, 377; baptized, 381, XXIX, 190; sketch, 190.
- Chauncey, Commodore Isaac, in Mediterranean, IX, 45.
- Chautauqua County (N. Y.), settlements in, XXIV, 161; McKenzie, VI, 405.
- Chauvin, —, tavern-keeper, XXIV, 124.
- Chavez, Don Antonio José, daring of, XX, 208, 209; expedition to Independence, 227, 228; killed, XIX, 207, XX, 145, 229, 231, 236.
- Chavez, Manuel, character, XX, 232.
- Chavez, Don Mariano, character, XX, 231, 232.
- Chavez family, in Padilla (N. Mex.), XX, 232.



Chayenne Indians. See Cheyenne.

Cheapool, Indian hat, VI, 325, VII, 104.

Cheaptin Indians. See Nez Percés.

Cheese, as food, IX, 89, XIX, 252, XXIX, 267; supply, V, 299, XII, 157; manufacture, IV, 91, X, 355, XIX, 309; article of trade, IV, 297, VIII, 257, X, 192; prices, V, 288, IX, 140, 163, X, 74, 108, 282, XIII, 317, XIX, 136; market for, IV, 91; abundant, XXIV, 115; scarce, X, 282, XI, 246, 292, 293.

Chehalis (Chekalis, Chickelis, Shahalas, Tchikeylis) Indians, habitat, VI, 256, VII, 102, 103; dialect, XXVII, 387; population, XXIX, 99; flattening head, XXI, 303.

*Cheiranthus erysimoides*, V, 133, 319.

Chelake (Chelaque) Indians. See Cherokee.

Chelan Indians, Salishan tribe, VII, 149.

*Chelianthes, dealbata* and *vestita*, V, 320.

Chemnyway (Oregon), Lee in, XXI, 299; Tibbits, 73.

Chéniers family, in St. Louis, VI, 403.

*Chenopodium*, habitat, XIV, 213, XVI, 121; abundant, XVII, 194; *botrys*, XIV, 74.

Chenunda, Wyandot village, I, 124.

*Cherianthus asper*, collected, XV, 226.

CHEROKEE INDIANS: sketch, VIII, 304, XIII, 177; stock, XX, 297; called Flatheads (Têtes-plats), I, 307; habitat, III, 74, 93, 95, 272, V, 151, VIII, 303, XIII, 319, XVII, 42; removal West, 25, XX, 100, 299, 300; in Indian Territory, XIII, 174, XVII, 25, 40-42, XX, 101, XXVIII, 121; towns, XIII, 177, 190, XIV, 17, XVII, 24, 43, XX, 304; boundaries, III, 258, 271, XIII, 170, 175, 177, 234, XX, 102, XXVIII, 125, 126, 128, 131; population, XIII, 75, XX, 317, XXVIII, 121; characteristics, III, 263, XIII, 174, 176, 183, 184, 187, 245, XV, 69, XVII, 71, XXVIII, 368, XX, 101; language, XIII, 175; interpreters, XVII, 17; vocabulary, 290-298; speak English, XX, 305; traditions, XIII, 176, 191.

*Social and domestic economy*: XVII, 22; houses, XIII, 258, XXVIII, 127; food, III, 261, 263, XIII, 175, XVII, 17; occupations, hunting, XIII, 214, XVI, 184, XVII, 21; fur-trading, III, 264; agriculture, 263-265, XVII, 18, 22, XX, 303; manufactures, III, 265, XVII, 18, 22; of blankets, XIII, 259; salt, XX, 243, XXVIII, 126; pipes, XXII, 178; dress, III, 264, XIII, 175, XVI, 184, XX, 305; war-customs, III, 263, XIII, 191, 270; marriage-customs, 188, 189, XX, 295; slavery, III, 265, XI, 247, XX, 303; diseases, XIII, 280; burial customs, 116, 187, 188, XX, 290.

*Government*: ranks, III, 263, XX, 310; chiefs, XVII, 17-19, XX, 296; grand council, XVII, 19; government, XX, 308-311, XXVIII, 127; constitution, 124, 129; police, XIII, 190, XVII, 22, 23; sheriffs, XX, 310; crimes and punishment, III, 261, XIII, 189, 215, 223, 363, XX, 309-312; law on debts, 102, 310; land system, grants, XVII, 26, 28; sales, XIV, 92, XXVIII, 137, 138; restrictions, XX, 302; property-rights, XVII, 22, XXVIII, 126, 127; inheritance, XX, 316, 317; printing office among, 305.

*Intertribal relations*: I, 171, 251, XX, 108; with Delawares, XIII, 193, XX, 316, XXII, 96; Osage, XIII, 191, 192, 236, 246, 247, 253, 257, 277-279, 282, XVII, 17, 19-23, XXVIII, 131; Shawnee, XIII, 73, XX, 316.

*Relations with whites*: III, 263, XIII, 176, 177, 181, 222, 290, XVIII, 368; with English, I, 97, 98, 116, 117, 212, 239, 241, 243, 251; with United States government, XI, 247, XIII, 175, 176, XVII, 13, XXVIII, 128; agency, XVII, 12; Fort Gibson, XX, 105; wars with whites, I, 101, III, 60, 274, XX, 105, 205; hostility, XVII, 41; in French and Indian War, I, 238, 239; Revolution, III, 56, IV,

181; War of Secession, XX, 303; trade with, I, 34, 286, III, 77, 264; schools among, XII, 48, XX, 305, 307, XXVIII, 128; missions, IV, 311, XIII, 182, XXII, 85, XXIII, 252; De Soto among, XIII, 175; John Dunn Hunter, XVIII, 368; Michaux, III, 74; President Monroe, VIII, 79; Nuttall, V, 153, XIII, 172-174, 179, 207; Swift and James, XVII, 42; met in Kentucky, I, 132, 133, IV, 145; Mississippi, 287, VIII, 312; Pennsylvania, I, 179; on Arkansas River, XIII, 281, XVII, 15, 128; Mulberry Creek, XIII, 209; Rocky Bayou, XVII, 18; Salaison Bayou, XVI, 289; Spadra Creek, XIII, 194.

Cherries, trees (*prunus cerasus virginiana*), III, 160, 229, IV, 186, X, 253, XIII, 173, 301, XVII, 116, XXII, 88; habitat, VI, 147, X, 306, XI, 108, XII, 163, XVII, 115, 118, 143, XIX, 77, XX, 254, XXII, 166; abundant, X, 337, XXVII, 45, 69, XXIX, 87; scarce, XXII, 183; black, XVI, 160; morello, X, 215, XIII, 173; mountain, XXVII, 256, 257, XXIX, 196; sand, XVI, 93; wild, XXVI, 243; used as timber, III, 343, V, 279, IX, 255, X, 253, XXII, 166; orchards, X, 309; when budded, XIX, 75; fruit, III, 299, IV, 186, V, 232, IX, 255, X, 189, 208, 308, XXIV, 173, XXVII, 256; ripe, X, 186, XIX, 75; eaten by birds, XXII, 88; dried, X, 199; cakes of, XVI, 218; article of trade, X, 192.

Chert, Derbyshire, XIII, 243; in limestone, XIV, 212; on Grand River, XIII, 241; Missouri, XIV, 143.

"Cherub," sloop-of-war, VI, 299, 300, VII, 250.

"Chesapeake," commanded by Lawrence, VIII, 241.

Cheshire (Eng.), emigrants from, XI, 235, XII, 59.

Cheshohunga, Osage chief, XVI, 274.

Chesnel, P., *Cavalier de La Salle*, XXVII, 40.

Chester (Ill.), site, XIV, 100, XXVII, 22, 23; Flagg in, XXVI, 12, XXVII, 23, 25; Maximilian, XXII, 210.

Chester (Mo.), site, XXIV, 130.

Chester (S. C.), F. A. Michaux in, III, 291-294.

"Chester," steamboat, XXIV, 132.

Chester County (Pa.), described, XIII, 35, XXI, 134; Welby in, XII, 292.

Chesterfield (Mo.), location, XV, 170.

Chesterfield (N. H.), described, VIII, 106, 107.

Chestnut, —, tavern-keeper, I, 291.

Chestnut, Col. —, in Revolution, XI, 77, 79.

Chestnut trees (*fagus castanea*), III, 139, 230, IX, 75, 121, XII, 192, XVII, 116, XXII, 42, 61, 69, 73, 90, 99, 110, 118; habitat, III, 152, 288, 297, VIII, 245, X, 204, XII, 188, XVII, 77, 116, XXII, 135; abundant, IX, 306, 307, XXII, 137; scarce, 166; size, X, 210; varieties, XXII, 66, 258; used for timber, IX, 40, XXII, 81; in blossom, 51, XXIV, 173; nuts, XIX, 136, XXII, 109.

Chestnut Hill (Pa.), XXII, 22, 72, 98.

Chetimacha Indians, habitat, XIII, 312, 343; language, 179, 312.

Chevaux Blancs. See White Hair.

Cheyenne (Chayenne, Chien, Sharha, Shaway, Shyenne) Indians, origin, XXVII, 161; stock, V, 225, XX, 297, XXVIII, 212; described, V, 140, VI, 114, XVII, 156-158, XXII, 333, XXVII, 161; habitat, V, 126, 139, 225, XV, 130, XXII, 333, XXVII, 160, 162, XXVIII, 163, 209, XXIX, 230; migrations, XV, 157; population, V, 140, XX, 342, XXII, 333, XXVII, 137, 161; characteristics, V, 139, XXVII, 160, XXVIII, 212; language, XXVII, 137; vocabulary, XXIV, 220-

## CHEYENNE INDIANS (continued)—

222; sign language, 300, 301; social customs, V, 176, XVI, 200, 201, 212, 221, XX, 327, XXIV, 80, XXVII, 180, XXVIII, 71, 163; war-party, XVI, 218-221; intertribal relations, XVII, 156, XX, 349, XXIII, 201, XXVII, 398; with Arikara, V, 139, VI, 119, XXII, 335; Crows, 353; among Kiowa, XVI, 211; with Mandan, XXIII, 261, 313-318, 354, XXIV, 80, 81; Minitaree, XXIII, 384; Omaha, XV, 91; Pawnee, XVII, 154, XVIII, 49; Sioux, XXVII, 243; relation with whites, V, 127, XV, 282, 285, XVI, 55, 196, XXVIII, 161; with missionaries, XXVII, 137, 192; De Smet, 136, 161, 162, 277, 278, 284; portraits, XVI, 200, XXVII, 275.

Cheyenne County (Colo.), XVIII, 64.

Cheyenne County (Nebr.), XXX, 55.

Chicaça Indians. See Chickasaw.

Chicago (Ill.), XXVI, 133; Indians at, I, 139, 161, 162, XIII, 322; treaty made, XXVII, 153; Fort Dearborn, I, 117; Marquette visits, XXVII, 41; C. F. Hoffman, XIX, 161; W. I. Marshall, XXI, 353, XXX, 18; Robert Stuart, V, 224; trade, I, 172, VIII, 222, XIX, 53; railroads, XX, 141, XXVI, 120; canal, IX, 186; river, XVII, 179; great fire, VIII, 233; in Wisconsin, XIX, 53; Historical Society *Collections*, VI, 375, X, 133, XI, 271, XIV, 41.

Chichester, —, in Kentucky, XI, 177; cited, 178.

Chichimecos Indians, meaning of term, XIX, 259.

Chickamauga Indians, in Northwest Indian War, III, 61.

Chickasaw (Chicaça) Indians, origin of name, XX, 298; called Flatheads, I, 307; stock and tribes, XIII, 357, 358, XX, 297; habitat, IV, 144, 145, 287, 293, 294, 308, VIII, 63, 65, 303, 312, XIII, 319, XVII, 40; migrations, XIII, 353, 354; removal West, XX, 299, 300, XXVIII, 121; population, XX, 317, XXVIII, 121; history, V, 202, VIII, 304, XIII, 356; towns, III, 253, XX, 304; characterized, XIII, 88, 354, 363; language, 217, 357, 358; manners and customs, IV, 293, 294, VIII, 73, XIII, 115, 350, 361, XX, 305, 316; government, 297, 308-311; slavery among, 303; lands purchased from, XIII, 88, 89; missions and schools, IV, 311, XX, 307; intertribal relations, I, 75, XIII, 119, 122, 123, 179, 303, 322, 352, 355, 356, 363, XX, 310, XXVIII, 124, 125; with whites, IV, 292, VIII, 310, XIII, 254, XX, 104; with Spanish, IV, 292; French, I, 19, 59, 141, XIII, 358-362; in American wars, III, 85, IV, 280, 298; agents for, II, 64, III, 62; De Soto among, XIII, 320.

Chickasaw Bluffs, IV, 287-289, 292, 293, 306.

Chickasawby, Indian chief, XIII, 353.

Chickens, V, 151, X, 180, XI, 48, XIX, 30, XXII, 377, XXIII, 235; Indians raise, XXIX, 301, 322; farm stock, X, 286; abundant, 287, XIX, 325, XXII, 185, XXVII, 39; tax on, XX, 149; prices, V, 288, VIII, 341, IX, 140, X, 74, 108, 222, 225, 287, XI, 163, 180, 190, 193, XII, 14, 15, XIX, 136, XXII, 161; as food, IX, 161, X, 134, 199, 356, XI, 49, 73, 85, 203, 205, XII, 109, 272, 276, XXVII, 400; purchased, X, 253; wolves attack, XXVI, 323; eggs, IX, 140, 161, X, 108, 134, 237, 337, XI, 126, XII, 16, 157, 249, XIII, 77, XIV, 134, 142, XXI, 127, XXIV, 76, XXVI, 333, XXIX, 169, 249, 254; comb, as ornament, XXIII, 328; painted by Bodmer, XXIV, 35; use of feathers, XI, 298.

Chicot-tree, French name for coffee-tree, XIV, 213.

Chicoutimi (Quebec), sketch, II, 196.

Chien, Fox Indian, II, 190.

Chihokocki Indians. See Delawares.

Chihuahua (Mex.), former name, XVIII, 349; site, XIX, 160, XX, 157; described, XVIII, 153,

154, 351, 352, XX, 186-192; population, XVIII, 153, 351, XX, 187; size, XVIII, 360; natural features, 340, XIX, 280, 297, 328, XX, 158, 160; irrigation, XVIII, 342; roads, XX, 109, 148; mines, XVIII, 153, XX, 89, 178; salt, XVIII, 350; as a boundary, 358, 359, XIX, 278, 301, XX, 144, 148, 347; government, 202; governor, 129, XXVIII, 151; foreigners taxed, XX, 27; injustice to, 32; social conditions, XVIII, 344, 354; settlements, 144, XIX, 278, XX, 146, 155; houses, XIX, 335; churches, XVIII, 342, XX, 188; jail, XIX, 176; mint, XX, 190; custom officers, 160, 236; newspapers, XIX, 332, XX, 50, 77; priesthood, 52; paupers, XIX, 346; courts and crimes, XX, 28, 31; soldiers, XIX, 276; as a commercial centre, XVIII, 350, XX, 146, 156, 223, 225; merchants, XVIII, 350, 361, XX, 162, 185; goods, 100, 224, 226; expedition to Arkansas, 222-227, 250; Americans in, 25, 81, 196; Hidalgo, 189; Gregg, XIX, 14-16, 321, XX, 100, 146, 150, 154, 161, 163, 171, 185, 190-193, 200; Pattie, XVIII, 14, 179-181; Pike, IX, 19, 175; Don Angel Trias, XX, 199; Willard, XVIII, 18, 346; during wars, XX, 82, 83, 151, XXII, 314; relations with Indians, XVIII, 360, XX, 68; Apache, 76, 77, 103; Comanche, 130, 348; Navaho, 103; *Noticiosa*, 50, 51, 78.

Chickasaw Indians. See Chickasaw.

Chilcoten (Tchilkoten) Indians, habitat, XXIX, 182; hostility, 59, 81; Nobili with, 277.

Childer, —, in Cadron (Ark.), XIII, 242.

Chiles, J. B., emigration to California, XXX, 91.

Chilili (N. Mex.), ruin, XIX, 302, 303.

Chillicothe Indians, habitat, I, 134, XXII, 201.

Chillicothe (Ohio), IV, 228, VIII, 255, 264, XI, 187, XII, 15; site, VIII, 265, IX, 114, 118, XII, 208, XVIII, 30; Indian mounds, XIX, 84, XXII, 149; settlement founded, III, 186, XIII, 59; nationalities in, IX, 119, XI, 184; first state capital, III, 186, IV, 160, 162, IX, 151; described, IV, 216-219, IX, 118, X, 70, XI, 179-181, XXIV, 148; trade centre, IV, 229, 233, IX, 125, 126; roads to, IV, 114, 169, 203, 207, 214, 221, 226, XII, 205, XIII, 51, XXI, 39; canal, XXIV, 147; sheriff, XI, 222; physicians, IV, 211; newspaper, 186; in Dunmore's War, 143; Revolution, 256; Alexander in, 204; Cumings, 8, 202, 215; Ellison, 205; Faux, XI, 182, 183, XII, 16; Flint, IX, 119, 175; Grimke, XI, 181; Harper, 223; Hulme, X, 69-71; Massie, III, 186, IV, 160; Maximilian, XXIV, 149; St. Clair, III, 178; Welby, XI, 16, XII, 207; Willis, IV, 211, 221; population, III, 186, IV, 216, XI, 179, XXIV, 148.

Chilly-Chandize, Kalapuya tribe, VII, 230.

Chimekaine (Oregon), mission at, XXIX, 97.

Chimsyan Peninsula, fort on, XXIX, 58.

China tree (*melia azedarach*), described, VIII, 315.

Chinamus, Chinook chief, XXI, 318, 368; with Townsend, 363, 365.

Chinklacamoos, road, I, 190, 191; Post in, 229.

Chinook Indians, tribes of, VI, 239, 243, 247, VII, 124, 129, XXX, 156; habitat, VI, 258, VII, 102, 230, XXI, 285, 363, XXVIII, 356, 360, XXX, 200; population, XXIX, 99; described, VII, 12, 21, 284, 285, XXVIII, 264-267, 360, XXIX, 160; physique, VII, 104-106, XXI, 306, 307; color, VII, 279; characteristics, VI, 241, VII, 85-86, 95-97, 99, 103, 107, XXVIII, 361-363; language, VI, 336, 389, VII, 100, 103, 104, 109, 110, 114, 115, 124, 165, XXI, 321, XXX, 180; interpreters, VII, 257-260; vocabularies, 321-329, XXX, 264-270; religious ideas, VI, 333-335, VII, 110, XXI, 320, 322, XXVII, 301, 302, XXIX, 125, 126, 373; village, XXI, 367, 368; lodges, 363; food, VII, 108, 109, XXVIII, 369; cooking, VII, 298; occupations, 106-108; manufactures, 104; traders, 97, 103, 104, 107; dress, 104, 106, 248, XXI, 307, 350; canoes, VI, 261, VII, 115,



## CHINOOK INDIANS (continued)—

XXIX, 179; weapons, VII, 104, 105; chiefs, VI, 258, VII, 103, 163, XXI, 339; laws, VII, 103; crimes and punishment, 103, XXVIII, 360, 361, 364; slavery, VII, 103, 107, 113; marriage customs, 107; amusements, 105, 107, 108, 291; sculpture, 104; flattening the head, 113, XXI, 303, 304, 306, 350; diseases, 307, XXIX, 167; burial customs, VII, 110, 111, XXIX, 67, 68; intertribal relations, XXVIII, 341, XXX, 178; relations with whites, VI, 240, 257, 287, VII, 165, XXI, 225, 318, XXIX, 70; with missionaries, XXVII, 377, 389, XXVIII, 363, XXIX, 130; drawings of, VII, 113; sketch, VI, 241, VII, 103.

Chinquapin, in Tennessee, III, 261, 280; *castanea pumila*, XVII, 42; *quercus prinus*, III, 267.

Chippiapoo, legend of, XXIX, 376-378.

Chippewa (Ojibewa, Ojibua, Ojibwa, Saulteurs) Indians, stock, XX, 297; tribes, I, 160, II, 99, 134, 137, XXVIII, 156, XXIX, 254; family relationships, XXIII, 90, 283; habitat, I, 168, 169, II, 12-61, 79, 113, 144, VIII, 229, 234, XV, 127, XXIII, 190, XXVIII, 156, XXIX, 239, 254; roving, II, 99; first met, 79; population, I, 168, 169, XX, 317, 341, XXIII, 191, XXVIII, 156; described, 156, 157, XXIX, 239, 240; physiognomy, XXII, 219; characteristics, II, 59, 60, 88, 110, XXIII, 191, 192; language, II, 27-30, 61, 70, 96, XIV, 25, XXII, 280, 304, XXIII, 14, 191, XXIV, 12, 189, 208, 209, 277-279, 301, 302; vocabulary, II, 225-253, 259-265; religion, 176, XXIII, 192, 301, 304, XXVIII, 159, XXIX, 373; medicine men, II, 138; food, XXII, 390, XXVIII, 155; cannibalism, XXIII, 278; occupations, II, 88, XXIII, 275; utensils, 279, XXVIII, 158, 159, XXIX, 51; dress, XIII, 126, XXVIII, 157, 158; chief, I, 303, 304; courtship, II, 173-175; children, XXIII, 388; diseases, 359; intertribal relations, I, 168, II, 113, VI, 385, XXIII, 90, 100, 353, XXVIII, 153, XXIX, 239; relations with whites, I, 156, 160, 169, 310, VIII, 228, XII, 213, XIV, 305, XXIII, 190, 227, XXVI, 149, XXVII, 153, XXVIII, 152; with Long, II, 11, 82-86, 138, 142; missionaries, 39, 58-69, XXIX, 240; sketch, II, 82, VIII, 228, XXIII, 190.

Chippewa (Can.), site, IX, 316, XXIV, 165; Buttrick visits, VIII, 45; battle at, 175, 182, XXIII, 223, XXIV, 164, 165.

Chippewayan (Chepewyan) Indians, affinity, XXIII, 90; habitat, XXVIII, 156.

Chiquitos Indians, character of, XXVII, 284.

Chiriquan Indians, character of, XXVII, 284.

*Chirotes lumbricoides*, observed by Long, XV, 259.

Chisca Indians, De Soto among, XIII, 326.

Chisca (Mex.), De Soto in, XIII, 322.

Chisels, scarcity of, XIX, 334; prehistoric, XXVI, 147.

Chisholm, John D., Indian agent, XIII, 192.

Chittenango (N. Y.), Maximilian in, XXIV, 182.

Chittenden, Maj. H. M., editor, XXVI, 18; *American Fur Trade*, V, 73, 97, 137, 151, 230, 262, VII, 35, XIV, 9, 23, XV, 193, 305, XIX, 11, 174, 177, 178, 180, 181, 228, 337, XX, 243, XXI, 60, XXII, 36, 232, 233, 254, 268, 294, XXIII, 75, 197, 218, 224, XXIV, 93, 106, XXVII, 136, XXVIII, 221, 340; *Life of De Smet*, XXIII, 135, 345, XXVI, 18, XXVII, 154, 156, 177, 190, 191, 248, 286, 337, 347, XXIX, 134, 137, 170, 174, 190, 205, 247, 366, 369, 370, 372; *Yellowstone Park*, V, 100, XXII, 375.

Chlorites, absence of, XVII, 224; observed by Nuttall, XIII, 40, 46.

Chochure, Etienne. See Rouchouse, Etienne.



Chocolate, as food, XVIII, 146, XX, 192; as present, VI, 214; manufacture of, XXVII, 36; in Mexico, XIX, 293; used by Post, I, 247, 248.

Choctaw Indians, origin of name, XX, 298; stock, 297; tribes, XXVII, 141; habitat, III, 272, IV, 144, 355; VIII, 312, XIII, 129, 179, XVII, 128, XXVIII, 138; migrations, XX, 299, 300, XXVIII, 121; reservation, XIII, 207, XXVIII, 121, 122, 128; boundaries, III, 271, IV, 351, VIII, 65, XIII, 305, 306; population, 363, 364, XX, 317, XXVIII, 121; history, V, 210, VIII, 63, 304; described, XIII, 296, 304; complexion, 120; characteristics, IV, 286, 287, 365, VIII, 73, XIII, 305; language, VIII, 304, XIII, 353, XXVI, 64; myths, XIII, 304, 305, XX, 284, 293, 294, 301, 314; cabins, IV, 366; occupations, 283, 365, V, 201, XIII, 258, XXVIII, 122; dress and ornaments, IV, 355, 366, XX, 305; government, 297, 308-311; written constitution, XXVIII, 123, 124; laws, VIII, 324; crimes and penalties, 324, XIII, 363, XX, 310-312; liquor-drinking, IV, 365, VIII, 73, XX, 312, 313; slavery among, 303; marriage custom, 314; illness, XXVIII, 122; burial rites and mourning, XIII, 364, XX, 290, 293, 314-316; intertribal relations, XII, 92, XX, 108; with Chickasaw, XIII, 364, XXVIII, 124, 125; Creeks, VIII, 313; Natchez, IV, 323, XIII, 179, 350, 355; Quapaw, 119, XXVIII, 133; with whites, annuities, 125; French allies, XIII, 351, 359; schools, XX, 305-307, XXVIII, 125; salt works among, XX, 243; *Choctaw Almanac*, 317.

Choctawby, Indian chief, XIII, 353.

Choke-cherries, habitat, VI, 321, XVI, 84, XX, 258, XXVIII, 325; dried, XXI, 268; abundant, XXIX, 51, XXX, 111; described by Townsend, XXI, 249; *prunus padus virginiana*, XXIII, 83.

Choke Cherry, Minitaree chief, V, 163.

Cholera. See Diseases and Remedies.

Chonques-kaw (white horse), Omaha chief, XXIV, 316.

Chopart, Sieur de, commands Natchez post, XIII, 349.

Chopunnish Indians, name for grizzly bear, XVI, 46. See also Nez Percés.

Chouteau, Auguste, V, 253, XVIII, 368, XXII, 216, XXVI, 152; founds St. Louis, 147, 148; plan for fortifying, 114; first distillery, XIV, 138; land grant, 138, XXVI, 163; marriage, XXI, 184; Indian agent, XIII, 132; fur-trader, V, 191, XVI, 275, 276; house, XXVI, 145; sketch, XVI, 275, 276.

Chouteau, Auguste Pierre, XV, 282, XIX, 185, XX, 107, 108; sketch, 108.

Chouteau, Cyprian, XXII, 251.

Chouteau, Emilie, XXII, 235.

Chouteau, Pierre, Sr., XXII, 282; founds St. Louis, XVI, 275; Indian agent, V, 60, XVI, 275-277; address, 276; fur-trader, VI, 14, 15, XVI, 280; house, XXVI, 145; garden, V, 170, XVI, 171; sketch, 275, 276.

Chouteau, Pierre, Jr. (cadet) XXII, 234, 251, XXIV, 129, 130, XXVII, 135; fur-trader, XIII, 237, XVI, 53, XXI, 46, XXII, 237, 239, 378, XXVIII, 275; escorts Mandan chief, XIII, 138; founds company, XX, 108, XXVI, 165; fort named for, XXII, 315; wife, 272; garden, 186; sketch, 235.

Chouteau family, VI, 403, XVIII, 10, XXVI, 165.

Chouteau brothers, V, 262, XIII, 282.

Chouteau sisters, V, 42.

Chouteau & de Munn, XV, 282, XVI, 226, XIX, 177.

Chouteau & Pratte, fur-traders, XXII, 272.

Chouteau County (Mont.), XXIII, 63, 64, 71, 83.

Chouteau's Warehouse (Mo.), trading-post, XXVII, 135.

Chouxgras, as food, VI, 372.

Christ, —, tavern-keeper, XXII, 112.

Christian, Israel, founds Fincastle (Va.), III, 48.

*Christian Baptist*, XXVI, 358.

Christian County (Ill.), river near, XXVI, 319.

Christiana (Md.), Welby in, XII, 292.

Christie, Col. John, in War of 1812-15, VIII, 159, 160.

Christineaux (Knisteneaux). See Cree.

Christy, Miller, *Map of World*, XXVIII, 36.

Chrysanthemums, habitat, XIV, 75; *arcticum*, XXIX, 424.

*Chrysocoma*, habitat, XIII, 263.

Chuck-wills-widow, numerous, XVI, 172; observed by Long, XIV, 100.

Chuly. See Echúelehhdj6.

Churches, primitive, revived by Rapp, XIV, 109; established in America, XII, 25; free preferable, XVIII, 344, 345; of England, X, 159-161, 318, 319, XXI, 59; in United States, X, 107, 131, 132; Harmonist, 313, XI, 249, XXII, 142; Moravian, 77, 85; Mormon, XX, 99, XXVI, 358, 359; Scotch, XI, 69, 94; for negroes, X, 194, XI, 87, 119, XII, 305; absence of, X, 256; church buildings in Canada, IX, 328; New England, XI, 55, 56, 60, 61, XIX, 101, XXII, 42, 53, XXVII, 30, XXVIII, 275; New York City, VI, 193, VIII, 241, IX, 47, XII, 75, 169, XXIV, 192; state, XIX, 153, XXIV, 161, 180, 182, 184; Pennsylvania, III, 169, 348, 364, 367, IV, 48, 65, 68, 237, V, 315, X, 217, XII, 20, XXII, 85, 91, 97, 111, 127, 130, 135, 140; Philadelphia, III, 131, IX, 54, 55, XII, 298, 300, XXII, 63; Maryland, X, 193, XII, 289, 290; South Carolina, XI, 72, 77, 98; Mississippi, IV, 316, 331; New Orleans, 364, VIII, 338, XIII, 316, XIX, 124; Kentucky and Tennessee, III, 282, IV, 180, 197, XI, 194, XIX, 40, 101; West Virginia, XII, 204; Ohio, IX, 109, 118, 151, 239, X, 223, 227, XI, 224, XIX, 34, 35, 136, XXIV, 152, 159, XXVI, 358; Indiana, XII, 262, XIX, 71; Illinois, III, 70, X, 107, 131, 153, 272, 318, XII, 250, 251, XIX, 60, XXVI, 118, 198, 235, 243, 255, 300, 301, 306, 310, 319, XXVII, 62-64, 72, 77, 93; Missouri, IV, 281, XIX, 63, XXII, 211, 215, 239, XXVI, 96, 106, 107, 164-169, 174, 175, 194, 268, 290, XXVII, 205, XXX, 256; New Mexico, XVIII, 76, 77, 85, 337, XIX, 260, 265, 283, 284, 302, 334, XX, 47; Mexico, XVIII, 35, 153, 168, 275, 344, 345, 350, 360, 379, XX, 40, 164, 176, 187, 188; California, XVIII, 278, 282; Oregon, XXVII, 320, XXVIII, 275, XXIX, 20, 128, 129, 139, 142, 143, 164, 180, 181, 279, XXX, 158, 159, 296; temples in Hawaii, VI, 219; among Indians, VII, 319, XIX, 150, XXIV, 162, 174, XXVI, 15, XXVII, 33, 65, 67, 310, 330, 331, 365, XXVIII, 357, 358, XXIX, 133, 143, 169, 233, 240, 273, 279; described to, XXVII, 394; built by, XXIX, 275, 276, 278, 297, 298, 301, 314, 319, 321; among pueblos, XIX, 269, 270, 272, XX, 59, 155; in California missions, XVIII, 275, 281; made of boughs, XXIX, 186; cost, XVIII, 342; music in, 276; organs, IV, 365, X, 193, XVIII, 282, XXII, 142, XXVII, 331; decorations, XVIII, 280, XIX, 260, XX, 187, XXVI, 137, 168, 169, 175, XXVII, 314; collections, X, 193, XI, 72, XII, 125, 298, 300; Sunday schools, IX, 241; water for, 243; made into theatre, XXII, 164; destroyed by earthquake, XVIII, 277, 279, 280; damaged by Indians, XXX, 239; pillaged, XVIII, 273, XIX, 265, XXVII, 67; ruins of, XVIII, 281, XIX, 301, XX, 188. See also Bells, Clergymen, Crosses, Religion, and the several denominations.

Churns, as equipment, XXX, 259.

Ciboleros (Mexicans), geographical nomenclature, XX, 212; dexterity in chase, 266; make road, 136; dress, 235; meet Gregg, XIX, 16, 235, 239, 240.

*Cichorium*, coffee made of, XIII, 72.

*Cidarites pistillaris*, Lamarck, XIV, 223.

Cider, manufacture of, VIII, 221, IX, 254, 300, X, 57, XI, 70, XII, 283, XXII, 47, 88; prices, V, 288, XI, 70; plentiful, V, 303; scarce, X, 337; oil of, IV, 104.

Ciénega pueblo, language, XX, 56.

Cigars, IX, 63, X, 46, XI, 137; Spanish, 295; Mexican, XX, 36, 37; customary use, XI, 57, 192, 269, XII, 12, 198, 214, 322, XXII, 44, XXIV, 43; immoderate, X, 247; as presents, XX, 126, XXII, 228, XXIII, 207; used by Spaniards, XVI, 212, XVIII, 145; priests, 227; women, XII, 20, XX, 192; Indians, XVI, 221, XXIII, 274; traders, XXIX, 66; Pattie, XVIII, 245; cost of, XII, 59; manufacture, IV, 186, XI, 295, XVIII, 353, XX, 36; quality, XXII, 183; scarcity, XI, 211; revenues from, XVIII, 353.

Cimarron (Kans.), Cimarron Crossing in, XIX, 218.

*Cimicifuga americana*, abundant, XIII, 43.

Cinchona, tonic properties, XIX, 298.

Cincinnati anticline, geological formation, XIV, 66.

Cincinnati (Ohio), IX, 160, XII, 212, XIV, 68, XIX, 153, XXVI, 259; origin of name, IV, 256; historical sketch, VIII, 53, IX, 150, X, 39; location, IV, 256, VIII, 84, 281, IX, 148, X, 233, XIV, 65, 67, XVIII, 30, XIX, 40, 41, 71, XXII, 154, XXIV, 142; climate, IV, 259, 260, IX, 155; scenery, 297, XII, 205, XIV, 89, XIX, 12; natural features, XIV, 66, XVII, 245; freshets, VIII, 280, 281; antiquities, XIV, 80, XXII, 149; population, IX, 150, 151, 238, 239, X, 237, XIII, 62, XIV, 67, XXII, 155; streets, XIX, 37; architecture, IV, 257; importance, X, 242, XIX, 131; capital of Northwest Territory, IV, 256; military post, 257; trade centre, X, 221, 234, 243, XI, 292, XXII, 216; prosperity, XIII, 62; business depression, IX, 225, 238, 297; prices, XXX, 217; river port, XIV, 88, XIX, 151; boats at, III, 180, IX, 296, XXII, 155, XXIV, 131; boat-building, XIX, 128, XXII, 200, 201, 240; terminus of road, IV, 213, X, 327, XIII, 51, 52, XIV, 60, XXI, 39; emigrants to, IV, 96, XIII, 50, XIX, 137; English, X, 228, XI, 299; emigrants from, X, 143, 147; social ranks in, XI, 157; banks, 171, XXVI, 31; charitable societies, IX, 228, 241; Hygeia near, XIX, 133; hospital, XIII, 61; land speculators, XIV, 100; manufactories, V, 297; market, XIX, 136; medical college, IX, 121, 196, XIV, 66; museum, XI, 263; poor-house, IX, 218; editors, XVIII, 17; publishers, XXX, 28; theatres, XIX, 93, XXVI, 11; "Trollope's Folly," XXI, 44; meteorological observations at, IX, 183, 184, 242; tornado, 246; earthquake, 246, 247; width of Ohio, XXX, 31; fevers, X, 225; cholera, XXII, 196; described, IX, 238-241, X, 41, 42, 235-237, XIX, 11, 35-38, 115, 134-137, XXI, 40, 41, XXII, 155; compared with Chihuahua, XVIII, 343; Louisville, IV, 156, 259; Marietta, XIX, 34; St. Louis, XXI, 44; Washington, XI, 109; maps, IX, 185; mob in, 199, 200; gives to missions, XXVII, 191; Bond in, X, 70; Bullock, XIX, 13, 115, 138; Burnet, IV, 257; Butler, III, 34; Buttrick, VIII, 10, 48, 53, 58, 76; Cumings, IV, 257; Drake, IX, 121, XIII, 61, XIV, 90; Flint, IX, 147-156, 237, 296-299, XVIII, 25; Goforth, I, 135; Hall, XXVI, 31, 244; Hoffman, XIX, 161; Hulme, X, 41, 42; Long, XIV, 65-68, 118; Maximilian, XXII, 161, XXIV, 142; Nuttall, XIII, 61, 62; Ogden, XIX, 11, 36; Palmer, XXX, 256; Pattie, XVIII, 17, 323; Pike, XIX, 38; Smith, IV, 127; Woods, X, 238; Wyeth, XXI, 13, 41, 42; "Society for Promotion of Agriculture," etc. IX, 270; *Chronicle*, XIX, 14; *Cincinnati in 1826*, 13; *Directory*, IX, 238-240; *Western Monthly Magazine*, XXVI, 244.

*Cineraria integrifolia*, observed by Bradbury, V, 320.

Cinque-foil (*potentilla fruticosa*), observed by James, XVI, 15.

*Circæa, alpina*, XIII, 42; *canadensis*, III, 30.

Circleville (Ohio), location, IV, 220; Indian earthworks, XIX, 84, 86, 87; canal, XXIV, 151; Atwater in, 150; Maximilian, 149.

*Cissus*, abundant, XVI, 189; species, 161; *bipinnata*, 162; *hederacea*, 161; *smilax*, 179.

Cistercian order, Trappists a branch of, XXVI, 192.

Cisterns, in New Mexico, XIX, 302.

*Cist's Advertiser*, III, 169.

*Cistus canadensis*, observed by Baldwin, XIV, 111.

Clackamas Indians, described by Palmer, XXX, 156; catechumens, XXVII, 390; population, XXX, 156.

Clackamas County (Oregon), river in, XXX, 177, 178; boundaries, 214, 215; Barlow in, 120; Engle, 51; Risley, 51.

Claco (tlaco), Mexican coin, XIX, 346.

*Cladrastis tinctoria*, III, 95.

Claessens, William, missionary to Flatheads, XXVII, 193.

Clahcllelahs, Shahala tribe, VII, 124.

Claiborne, Gov. William C. C., in Mississippi, IV, 319; *History of Mississippi*, I, 147, III, 39, IV, 287, 319, 322, 332.

Claiborne County (Miss.), boundary, XIII, 299; county seat, IV, 348, XIII, 300.

Clallam (Klalam, Skallam) Indians, dialect, XXVII, 387; Bolduc among, XXIX, 148, 152; sketch, XXVII, 387.

Clams, method of gathering, IX, 49; food, XII, 162; bait, XXII, 38; abundant, XXIX, 93.

Clanmorgan, Jacques, in St. Louis, III, 80.

Clannahminnamum Indians, sketch, VI, 263.

Clapham, Col. —, in Fort Augusta, I, 188.

Clapp, B. —, in charge of Astoria, VI, 279, 285; on vessels, 276, 288, VII, 264; with Franchère, VI, 278; on Marquesas Islands, 405; sketch, 405.

Clappin (Clappine), Antoine, drowned, V, 231, VII, 184.

Clarion County (Pa.), trail, I, 191.

Clark, —, miller, IV, 173.

Clark, Allen C., *Greenleaf and Law in Federal City*, XII, 59.

Clark, Chloe A., missionary to Oregon, XXIX, 25.

Clark, Daniel, in New Orleans, IV, 262, 366.

Clark, George Rogers, Kentucky pioneer, III, 35, 40, 211, 316, 317, XVIII, 11; in West Virginia, I, 130, III, 350; Dunmore's War, I, 131; Revolution, 302, III, 69, IV, 96, 256-259, XIII, 134; campaigns, I, 56, IV, 314; to Illinois, I, 146, II, 12, 185, III, 31, 71, 73, 159, IV, 314, V, 38, VI, 375, XXVI, 48, XXVII, 61, 62, 88-90; to Vincennes, I, 141, II, 55, VIII, 285, XXIV, 136; allied with Spaniards, II, 185; cajoles Indians, 188; officers, XXVII, 105; expedition against Shawnee, IV, 256, XVIII, 30; at Louisville, I, 136, III, 42-44, XIV, 74; Clarksville, III, 66; builds Fort Jefferson, IV, 280; relations with French government, III, 18, 40, 42, 44, 89; letters, 42, 44; relatives, VIII, 200, XII, 49, XIV, 126, XXVI, 155 (see also Clark, William); fort named for, XXVI, 133; sketch, III, 350, XVIII, 30.

- Clark, Harvey, Oregon missionary, XXX, 168.
- Clark, James, North West employee, II, 123.
- Clark, John, father of William, III, 90.
- Clark, Meriwether Lewis, XXVI, 164.
- Clark, Sylvester P., founds town, XXIV, 178.
- Clark, W. P., *Indian Sign Language*, XIX, 221.
- Clark, William, V, 253, XV, 147, XVIII, 368, XXIV, 125, XXVI, 14; expedition to Northwest, VI, 187; on Rocky Mountains, XXI, 54, XXVII, 380; Western rivers, VI, 247, XXI, 69, 83, XXII, 313, XXX, 189; names rivers, XXIII, 70, XXVIII, 303; describes Indians, XXX, 156; maps, XXII, 15, 236; drawings, VII, 113, XXIX, 148 (see also Lewis and Clark expedition); governor of Missouri, XIII, 129, 134, 237, XIV, 243, 317; Indian superintendent, XIII, 132, XIV, 269, XXII, 217, 279, XXIV, 315; relations with, VI, 58, XV, 348, 353, XVI, 277, XIX, 196, XXI, 138, XXVI, 283; councils and treaties, V, 60, XVII, 21, XXII, 227, 229, 236, 249, XXVIII, 152; in fur trade, V, 262; Jefferson's tribute, XXI, 21; mentions Colter, V, 44; meets Maximilian, XXII, 14, 235; fort named for, 34, 344; point, VI, 242; sister, XIV, 126; negro servant, 287, XXI, 99; collections, V, 254, XI, 263, XXII, 227, 276; manuscript papers, XXX, 198; sketch, V, 254, VI, 40, XI, 263, XIII, 134, XIV, 243, XVII, 11; cited, XXIII, 64, 71, 231. See also Lewis and Clark.
- Clark County (Ark.), XIII, 218, XVII, 53.
- Clark County (Ill.), XIX, 55.
- Clark County (Ind.), XII, 12, XIV, 75, XIX, 68.
- Clark County (Ohio), county seat, IX, 276.
- Clark County (Wash.), VI, 247, XXX, 224.
- Clarke, Capt. —, commands "Resolution," X, 180.
- Clarke, Capt. —, commands "Rufus King," IV, 279.
- Clarke, Dr. —, of Boston, X, 157.
- Clarke, John, Astorian partner, VI, 273, 276, 372, VII, 39, 216, 217, 219, 221, 237-239; characteristics, 195, 196, 201, 209, 213, 240; rivalry with North Westers, 201, 205, 210; Ross visits, 201; expedition to Spokane, VI, 277, 280-283, 304, 345, 347, VII, 195, 196, 198, 207-214; punishes Indians, VI, 344, VII, 212-214; returns from Spokane, 242, 244; chastises Cox, 209; at Fort George, VI, 336; homeward route, 356, 367, 376, 391, VII, 264; sketch, VI, 273, 274.
- Clarke, Malcolm, in Fort Lewis, XXIX, 363.
- Clarkeville (La.), location, VIII, 329.
- Clarksburg (W. Va.), on Ohio River, IV, 135, 165.
- Clarkson, Maria, née Wood, XXIII, 84.
- Clarksville (Ill.), situation, IV, 259, 280.
- Clarksville (Ind.), location, VIII, 279, XIX, 68, XXI, 42; geological formation, XIV, 73; superseded, IX, 160; A. Michaux in, III, 66.
- Clarksville (Mo.), carbonate of lime in, XIV, 143.
- Clarksville (Ohio), size, IX, 302.
- Clarksville (Tenn.), pioneer outpost, III, 17; Brown in, 85; A. Michaux, 84-86, 104.
- Clermont. See Clermont.
- Clary, —, highway robber, XIII, 295, 296.



Classet Indians, village site, XXIX, 74; population (1839), 98.

Clatscanias Indians. See Klatstonia.

Clatsop Indians, described, VI, 239, VII, 12, 102, 103; population, VI, 239, XXIX, 99, 160; chiefs, VI, 243, 261; social customs, 242, 400, VII, 231, XXI, 303; missions among, XXVII, 377, 388, XXIX, 97, 127, 133, 159; trade with Fort George, 70; massacre Spaniards, VI, 248.

Clatsop County (Oregon), VII, 116, XXI, 73, XXX, 193, 194, 199, 214, 215.

Clatsop Plains (Oregon), XXX, 193, 194, 198, 200; drainage, 194; wreckage, 197; mission station, XXVII, 288, XXIX, 97, 133; inhabitants, XXI, 73, 353, XXX, 142, 153, 159, 202.

Clavigero, Francisco Xavier, cited, XIX, 293, 339, XX, 68, 69, 273, 274, 286, 291, 295, XXI, 105.

Clay, observed by travellers, IX, 126, X, 215, XII, 205, XIII, 210, 219, 300, XVI, 54, XIX, 140, XX, 170, XXI, 178, XXII, 261, 364, 372, XXIII, 26, 27, 55, 56, 65, 78, 83, 86, 94, 193, 212, 233, 241, 242, XXIV, 23, XXVIII, 69, 108, 184, 185, XXIX, 36, 45, 50, 86, XXX, 104, 169, 170; regions found, V, 267, VI, 70, 85, 100, 157, IX, 38, 65, 301, X, 73, XII, 275, XIII, 82, 84, 85, 141, XIV, 218, XV, 258, XVII, 63, XXIV, 90, XXVI, 264; abundant, V, 243, X, 191, XII, 257, XXVII, 108; valuable, VIII, 265, 283, XIX, 65; quality, XXII, 331, XXVII, 102, 103; strata, XXVI, 261; indurated, XIV, 78, 219, XV, 122, XVII, 254, 255, XXII, 171, XXIII, 26, 27, XXX, 55; ferruginous, XIII, 298, 308, XVII, 142; imporous, XI, 239; saline, XIII, 228, 232, XXII, 256; in sandstone, XVII, 198; slate, IX, 69, 121, 310, XVII, 46, 52, XXII, 92, 171, 254, 280, 383, XXIII, 28, 51, 55, 80; geological formation, XVII, 199, 228, 229, 247, 248; bituminous, XIV, 53, 73, XVI, 30, 78, 188, 189; where found, IX, 72, 84, XIII, 38, XIV, 50, 55, 74, XVII, 54, 56, 82, 244, 248-250; many-colored, XIII, 139, 307, XIV, 83, XXII, 264; black, 331; blue, VI, 318, XIV, 83, XXIII, 84, XXVI, 234, 246, XXIX, 47; grey, XXIII, 48-50; pink, XIII, 76, 88; purple, XXIII, 31; red, IV, 193, V, 194, XIII, 99, 100, 231, 232, XVII, 79, XX, 245, XXII, 262, XXIII, 242, XXIV, 51, XXVI, 233, 234; white, III, 196, XI, 265, XIII, 76, XIX, 60, XXI, 139, 200, XXVIII, 278; yellow, V, 123, 153, XXI, 166, 179, 194, XXII, 141, 251, 338, XXIV, 52; as subsoil, X, 309; sandy, 273; loamy, XIII, 306; petrified, XXVII, 219; cones of, XXII, 370; Indian mounds, XIX, 85, XXIV, 148; used for bricks, XIX, 334; building-material, 88, XXIII, 266; cement, XVIII, 343; dyes, XXIII, 278; glue, XVI, 203; mortar, XI, 297, XXVIII, 163, 357; paint, XIV, 235, 236, XV, 58, 117, XXII, 346, XXIII, 99, 121, 203, 259, 262, 265, 314, 326, 362, 369, 378, XXIV, 17, XXIX, 394; pipes, XII, 158, XXII, 271, 321, 322, 391, XXIII, 274; plaster, X, 276, XXIV, 12; pottery, IV, 150, 288, XXII, 173, XXIII, 279, XXVI, 88, XXVII, 103; slate-pencils, IX, 69; white, as sign of mourning, XV, 67, 79, 117, XXII, 311, 312, 388, XXIII, 142, XXIV, 15.

Clay, Henry, statesman, VI, 15, IX, 195, 196, XI, 193, XII, 28-31, 35, XXVI, 29, 355; speech, XII, 54; political measures, VIII, 353, XI, 98, XVIII, 25; in Kentucky, IV, 184, X, 65, 66; home, XI, 192, 193; brother, XXVI, 310; monuments, XIV, 61, XXII, 146; sketch, IX, 195, 196, XII, 28.

Clay, Porter, Baptist minister, XXVI, 310.

Clay County (Ark.), XVII, 37.

Clay County (Mo.), XX, 97, XXII, 248, 249.

Clay County (S. Dak.), XV, 60.

Claye, Cecil, wife of A. Michaux, III, 11.

Claysville (Pa.), X, 220; originally Donegala, III, 363; Welby in, XII, 283.

Clayton (N. Mex.), seat, XIX, 234.

Claytonia, III, 98; *caroliniana*, XIII, 110; *spathulata*, XXIX, 424; *virginica*, III, 54, 97.

- Clear Creek County (Colo.), boundary, XXVIII, 185.
- Clearfield (Pa.), formerly Chinklacamoos (Chinklemoose, Shinglimuhee), I, 23, 190, 229.
- Clearfield County (Pa.), road, I, 190.
- Cleveland, Moses, town named for, XXIV, 159.
- Cleburne County (Ark.), Long's expedition in, XVII, 25.
- "Cleft Rock," Indian name for Great Falls, VI, 385.
- Cleg-flies. See Flies, horse.
- Clematis, abundant, XXIII, 209, XXIV, 22; observed by Maximilian, XXII, 293, XXIII, 195; *viorna*, XIV, 111; *virginica*, XV, 281, XXII, 84.
- Clementson, —, English emigrant, XII, 69.
- Clemson, Capt. Eli B., in Fort Osage, V, 60, 61.
- Clendennin, Col. George, Virginia pioneer, IV, 141, X, 79, XIV, 61.
- Cleome pinnata*, observed by Bradbury, V, 319; *tryphilla*, XV, 241.
- Clergymen, IX, 294, X, 63, XI, 122, 285, XII, 53, 293, XXVI, 307, XXVII, 237; English, IX, 203, 204, X, 159, 160; German, IX, 80; Indian, XXIV, 163, 175; negro, XI, 119, XII, 69, 85; character, IX, 196, X, 107, XI, 75, 94, 108, 131, 227, XII, 79, XX, 29, XXVI, 236; education, XI, 72, XXII, 85, XXVI, 31; salaries, X, 84, 160; fees, XVIII, 355, XX, 50, 52; mob attacks, XXIV, 192; attitude toward negroes, XI, 122; chaplains, 129, 136, XII, 56; in Illinois, X, 311, XXII, 97, XXVI, 310; Indiana, XI, 283, XXII, 179; Kentucky, III, 213, 249; Massachusetts, 21; Mexico, XVIII, 299; New Mexico, XIX, 271; Ohio, IX, 102; Oregon, XXIX, 118, 183; Pennsylvania, XIV, 39, XXVI, 311, 358; Tennessee, III, 62, 282; Washington, XXVII, 367; bishops, Spanish, XVIII, 168, 356, XX, 45, 46; in Charleston, XI, 98; Oregon, XXIX, 141, 172; Philadelphia, XII, 298. See also Churches, Crosses, Missions, Religion, and the several denominations.
- Clerks, VIII, 31, XI, 102; English, 162; bank, XII, 165; in taverns, 226; government, IX, 187, XI, 117, 157; county, X, 283; of courts, IX, 231; in fur trade, VI, 252, 313, 357, XXII, 317, 328, 379, XXVIII, 170, 320; among Astorians, VI, 189, 191, 194, 268, 276, 409, VII, 9, 13, 41, 42, 44, 45, 50, 51, 58, 59, 162, 208, 247; character, XVIII, 159, XXVI, 43, XXVIII, 171; duties, XXIX, 65; salaries, X, 68, XI, 123, XXIX, 54; retired, VII, 231; social status, XI, 190; in trading-posts, VI, 338, XXII, 377, XXVIII, 172, XXIX, 57, 59, 64, 70.
- Clermont (builder of towns, Clarmont, Iron Bird), Osage chief, V, 192, XIII, 237, 247, 277, XVI, 266, 274, XVII, 155, XXIV, 296; character, XIII, 254, XVI, 274; family, 272, 283; relations with Cherokee, XVII, 20; with Bell's party, XVI, 267-271; messengers to, 267; quoted, XIII, 278, 279; sketch, V, 192, XIII, 237, 238.
- Clermont County (Ohio), settlement in, XXII, 155.
- Cleveland, Benjamin, in Revolution, III, 55.
- Cleveland (Ohio), early settlement, I, 107, IV, 91, VIII, 192, XIX, 79; Mormons near, XXVI, 358; navigation, XIX, 151, XXIV, 162; Maximilian in, 158-160; population, 159.
- Climate, in United States, III, 151, IV, 163, XII, 137, 138, 283, XIX, 109-111; Arctic Circle, VIII, 162; meteorological observations, VII, 330-332, IX, 242-247; fogs, IV, 369, 370; storms, III, 17, 82, IV, 101, 205, 206, 274, 313, 360, 361, 372, 374, 375; hurricanes, 205, 206, 276, 348, 355, 375, 376, XXVII, 221, 222; waterspout, III, 320; in Ohio valley, 187, IV, 148, 265; Tennessee, III, 84, 86, 95, 96; Southern States, 123, 124, IV, 348, 349, 353, 356, 364. See also the several localities.

Clinch, Bryan J., *California and its Missions*, XVIII, 274.

Clinkstone, prevalent, XVII, 133.

*Clinopodium vulgare, incanum*, III, 29.

Clinton, De Witt, governor of New York, IX, 166, XIII, 339, XVII, 251; fosters Erie Canal, VIII, 88, 120, XXIV, 151; sketch, IX, 166, XVI, 48; portrait, XII, 92.

Clinton, Gen. George, in Revolution, II, 216, IX, 36; governor of New York, 166.

Clinton, Sir Henry, in Revolution, I, 163.

Clinton (Ark.), county seat, XVII, 25.

Clinton (N. Y.), Skenandoah in, XXIV, 186.

Clinton County (Ill.), seat, X, 329, XXVI, 247; Flagg in, 248.

Clinton County (Mo.), drainage, XXII, 248.

Clinton County (Ohio), Flint in, IX, 298.

Clinton County (Pa.), creek in, I, 190.

Cloaks. See Clothing.

Cloak-makers. See Trades.

Clocks, on churches, X, 313, XXVI, 166.

Clock-makers. See Trades.

Cloes, George, on Nolan River (Ky.), III, 88.

Clot-burr (cloth-, *xanthium strumarium*), XVI, 100.

Cloth, manufacture, VII, 64; article of trade, VI, 211, XIV, 310, XVI, 207, XVIII, 131, 210, XIX, 257, XXI, 45, 65, XXIII, 292, 371, XXIV, 19, XXVIII, 46; prices, X, 79; as equipment, XXI, 83, XXII, 379; present, XVIII, 120, XX, 126, XXI, 245, XXII, 351, XXIII, 320; prize, VI, 131; ransom, XVIII, 45, 46; ornament, XVI, 220, XVIII, 100, XX, 46, XXI, 272, XXII, 349-389, XXIII, 75, 100, 101, 119, 131, 260, 262, 265, 291, 294, 295, 297, 314, 345, 354, 357, 362, XXIV, 33, 47, 52, 67, 74, 79, 112; votive offering, XXIII, 19, 375, 380; shroud, XXIV, 92; garments of, XIV, 197, XVI, 205, XVIII, 167, XIX, 342, XXI, 70, XXII, 43, 224, 342, XXIII, 145, XXIV, 52, 58, 74, 98; in bull-fight, XVIII, 147; bolting, XXX, 188, 241; broadcloth, XI, 59, 78, XIX, 143; calico — article of trade, XIV, 310, XIX, 220, 257, XX, 185, XXVIII, 46, XXIX, 60, XXX, 94, 108; prices, XIX, 177, 257, XX, 222, XXX, 217; as present, V, 172, XV, 148; dress of, XX, 336, XXII, 223, 225, XXIX, 283; wall covering, XIX, 336; used by Indians, IV, 293, XIII, 137; unknown to Osage, 350; flannel, XII, 21, 51, XIX, 343, XXVIII, 315, XXX, 217; linen, III, 158, 203, XIX, 342; mercery, III, 203; muslin, 203, IX, 312; nankeen, III, 203, VII, 37, IX, 46, XXX, 108; print, VII, 148; plaids, XXII, 180; shirtings, XIX, 257; sheets, 194, 318; silk — manufacture of, XIII, 142, XXII, 127, 141; article of trade, VII, 37, XIX, 256; prices, IX, 31; dresses, XXII, 51, 53, 111; scarf, XIX, 342; imported, III, 203, IX, 312, X, 130; Chinese, XI, 46; sewing, XVIII, 360; described, I, 32; stroud — article of trade, VI, 31, XIV, 239, 310, XVII, 154; as present, I, 31, 38, 43, 60, XV, 148; dresses, XIX, 223, XX, 341, 345; mantle, 328; propitiatory offering, XV, 58; tapa, VI, 223, 224, VII, 69; tow-cloth, IX, 46; velvets, XIX, 257, 342; woolen — manufacture of, V, 285, 297, XI, 229; price, IX, 31; article of trade, XXIX, 60.

Clothing, X, 130, XII, 70, XVI, 270, XVIII, 358, XIX, 343, XX, 66, XXI, 100, XXIX, 60, XXX, 30, 74, 94, 108, 111, 116, 239; prices, IX, 31, X, 236, 335-337, XII, 71, XXX, 98; as equipment, XXII, 379, XXX, 12, 258; as present, VII, 248, XII, 302, XIII, 324, 325, 328, 332, 333, XV, 124, XVII, 166; mended, XVI, 258; sacrificed to dead, VIII, 153, XXI, 321; belts, V, 181, VII,

63, VIII, 103, XV, 80, 81, XVIII, 164, XXI, 33; bonnets, VII, 259, XI, 216, XIII, 109; boots—Indian, XIX, 143; article of dress, XXI, 33, XXX, 135; equipment, 259; European inefficient, XXIV, 23; manufactured, IX, 85, XII, 305, XXVIII, 46, XXIX, 60; prices, XXX, 218; tax on, XII, 297; breast-pins, VII, 68; buttons—polished metal, XXII, 321; marked Philadelphia, XIV, 152; ornaments, XIX, 340, XXIII, 100, 103, 163; article of trade, XIV, 310, XXI, 32; as money, VII, 126, 127; manufacture of, IX, 84; capote, XXVII, 55; caps—article of dress, XXII, 180; feather, XXIII, 161, 232, 260, 261, 289, XXIV, 52, 67, 74, 78, 79; fur, VIII, 103, XXX, 209; leather, XXII, 388, XXIII, 204; woolen, XXIV, 58; worn by Indians, XIII, 290, XXII, 246, 388, XXIV, 29, 48; cloaks, XII, 218, 272, XIX, 338, 340; coats, I, 310, VII, 249, X, 73, 79, XII, 218, XIV, 310, XIX, 142, 201, 223, XX, 276, XXI, 100, XXIV, 162, 192, XXVIII, 182, XXIX, 19, XXX, 74, 219; blanket-coats, XIII, 309, XXVIII, 315; match-coats, I, 60; dresses, XII, 259, XIX, 340; fringe, 143; gaiters, III, 264, XVI, 204, XXVII, 172, 173; garters, VII, 148, XV, 73, XIX, 340; gloves, VIII, 103; handkerchiefs—article of trade, XIV, 310, XX, 192, XXI, 57, 64, XXIX, 60; present, VII, 68, 73, XVIII, 96, XXIII, 124; signal, XX, 276, XXIII, 13; head-dress, XIII, 109, 127, 309, XXII, 225, XXIV, 31; black silk, 73; blue, XXVII, 55; red, XVIII, 147, XX, 276; prices, XI, 66, 67, XXX, 217; hats—IX, 46, 47; manufactured, VI, 327, XIX, 61; article of dress, XX, 65, XXI, 121, XXII, 42, 44, 46, 51, 111, 180; of trade, XX, 186, XXI, 84, XXX, 74; shops, 296; as present, VII, 68, 249, XXIII, 127, 161; straw, XI, 192, XVIII, 109, 173, XIX, 235; Mexican, XVIII, 74, XIX, 340, 342; worn by Indians, I, 310, VI, 325, VIII, 66, XVI, 184, XIX, 142, 143, XXIII, 88, XXIV, 22, 162, 182, XXVIII, 329; substitutes for, XIII, 109 (for Hatters, see Trades); hose, XXX, 218; jackets, XIX, 235, 340, XX, 65, 345, 346, XXI, 33; lace, XVIII, 358, XIX, 340, XXIII, 88; leggings—how made, 101; squaws make, XXVIII, 340; red cloth, XXIV, 52; leather, IV, 293, VII, 137, XIV, 313, XVIII, 109, 167, XXII, 223; ornamented, VIII, 66, XV, 72, XXII, 360, 371, 389, XXIII, 13, XXIV, 52; Indians wear, IV, 285, 293, V, 65, VI, 120, 121, 251, VII, 281, XIII, 126, XIV, 195, 197, XVI, 116, 205, XX, 328, 345, XXI, 148, XXVIII, 132, 157, 253, 261; trappers, 175; as equipment, XIV, 316, XV, 80; present, XIV, 239, XVIII, 60; in trade, XIV, 199, XXI, 148; Mexican, XIX, 340; overalls, XIII, 109; overcoats, XV, 194, XXI, 121, XXII, 180, XXVIII, 182; parasols, XI, 46, 216, XXII, 111; petticoats, XVI, 204, XVIII, 360, XIX, 343; ribbons—as present, I, 209, XXVII, 319; trade, XX, 186; ornament, XV, 21, XXI, 272, XXII, 43, 223, XXIII, 258, 297, XXVII, 172, XXIX, 298; red, as badge, XXVII, 328; robes—article of trade, XXI, 148; present, VII, 154, 284, XXIX, 364; ox-hide, XIII, 328; scarlet, XXI, 88; rosettes, XXIII, 17, 21, 101, 102, 220, 260, 263, 265, 369, XXIV, 52; sashes, XIX, 340; scarfs, 342, 343; shawls, XI, 46, XX, 46, XXI, 58, 84; shirts—VIII, 68, XIII, 250; calico, 127, XVI, 184, XXIII, 161; cotton, XXI, 33, XXVIII, 329; hunting, XVIII, 109, 167, XIX, 201, XXVIII, 171, 261, 340; leather, XIII, 126, XVIII, 164, XXII, 360, 388, XXIII, 21, 101, 103, 262, XXIV, 74, 79; linsey, XIX, 201; red flannel, XVIII, 209; woolen, XXII, 371; ornamented, XXIII, 131; in trade, XXVIII, 182, XXX, 235; as present, I, 43, 209, 251, 318, XVIII, 196, XXI, 362; stolen, V, 181, XXX, 119; shoes—X, 236; European inefficient, XXIV, 23; manufactured, XI, 251, 304; as equipment, XXX, 259; cargo, XI, 144; article of trade, XXVIII, 46, XXIX, 60; present, VII, 68; prices, XXX, 217; white satin, XII, 259; snow shoes, II, 91, 196; oxen wear, XIX, 191; shops, XXX, 296 (for Shoemakers, see Trades); skull-caps, XI, 250; slippers, XXII, 44; stockings, I, 60, IV, 90, XX, 65; stocks, XIV, 271; suspenders, XIX, 340; tassels, XX, 28; trousers—XXI, 33; leather, VIII, 201, XIII, 79, XIX, 235, XXI, 121, XXII, 284, XXX, 260; Mexican, XIX, 340; nankeen, XII, 71; woolen, XXI, 145; scarlet, XIX, 142; white, XVIII, 312; stolen, XXX, 119; traded, XXVIII, 182, XXX, 74; umbrellas, VII, 62, 116, 117, XI, 46, XXI, 123; wrist-bands, XIV, 310.

Clover, abundant, X, 41, XI, 179, 190, XIX, 124, XXVIII, 232, XXX, 297; cultivated, X, 66, XI,



## CLOVER (continued) —

149, XII, 322, XXII, 61, 73, 87, 91, 128, 145, 185; growth, XVIII, 226, 274; as fodder, XI, 148, 149; fertilizer, X, 212, XII, 94; buffalo, X, 292; red, 293, XI, 116, XII, 178, XXX, 170; white, V, 294, VIII, 330, X, 293, XI, 168, 172, 219, XII, 218, XVI, 59; red and white, XI, 141, 142, XXII, 48, XXIX, 40.

Cloverport (Ky.), Maximilian in, XXII, 160.

Club Indians, origin of name, XXVIII, 261. See also Yuma.

Clyde (N. Y.), Maximilian in, XXIV, 179.

Coahuila (Mex.), as a boundary, XVIII, 376; Apache in, XX, 76; Edwards land grant, XVIII, 366.

Coal, French name for deposits, V, 248; noted by travellers, 165, 196, IX, 78, 310, X, 77, 213, 273, 341, XIII, 39, 42, 54, 84, 85, 208, 213, 228-230, 233, 289, XIV, 161, XV, 183, XVI, 165, XVII, 144, 239, XXII, 118, 121-123, XXIX, 226; geological formation, XIV, 55, 57, XVII, 58, 193, 217, 218, 223; fossils in, III, 329, XIII, 44, XXI, 40; in sandstone, XVII, 211, 224, 245; abundant, III, 334, V, 102, 243, 247, 275, 276, VIII, 283, IX, 95, 108, 183, XI, 173, 213, XII, 202, 213, XIII, 44, 252, XVII, 235, 240, XIX, 34, 60, XXI, 38, XXVI, 97, XXVII, 226, XXVIII, 119, XXIX, 202, 229, 246; inexhaustible, XIV, 159, XIX, 28; scarce, IX, 116, 121, XI, 40, XIII, 66, XVIII, 109, XXVIII, 110; discovery, XV, 176, XXII, 115; quarrying, IX, 83; daily production, 120; quality, V, 263, 276, X, 39, XXII, 201, XXVI, 256; transportation, III, 171, IV, 77, XXVI, 57, 182, XXIX, 51, 94; prices, III, 153, IV, 77, 252, X, 37, 74, 77, XII, 202, XIV, 53, XVII, 214, XIX, 28; beds burning, V, 165, 247, 248, VI, 88, 156, XII, 19, XIII, 88, XV, 175, XVII, 90, XXVI, 256; localities, Arkansas, XIII, 172, 193, 194, XVII, 215; Gulf of St. Lawrence, 239; Illinois, VIII, 291, XIV, 97, XIX, 56; Indiana, I, 145, XI, 246, XIV, 76, XIX, 65; Kentucky, III, 223, XXVI, 65; Middle West, XIII, 60; Missouri, XIV, 126, 150, 161, XV, 178, XVII, 221, XXVI, 263, 278; Missouri River, V, 71, VI, 139, 156, 165, XIV, 161, 219, XVII, 212; New York, 251; Ohio, IV, 102, VIII, 264, 265, X, 73, XXIV, 153, 154; Ohio River, IX, 101, 107, 111, X, 40, 226, XIII, 56, XIV, 89, XVII, 246, XXII, 152; Pennsylvania, III, 153, 171, IV, 11, 102, 251, 253, 254, VIII, 248, IX, 83, X, 37, XII, 20, XIII, 46, XIV, 53, 75, XVII, 188, 243, 253, XXII, 13, 74, 78, 111, 115, 118, 119, 122, 123, XXV, 5; Puget's Sound, XXIX, 51; Virginia, III, 171, IV, 140; West Virginia, XIII, 52; varieties, anthracite, XIV, 57, XVII, 253, XXII, 11; bituminous, V, 276, VI, 363, VIII, 248, XIII, 46, XIV, 57, XVII, 253, 254, XX, 242, XXI, 40, XXII, 210, 261, 301, XXIII, 212, 242, XXVI, 70, 88, 118, 134, 171, 256, 302, XXVII, 107; lignite, XXII, 295, 301, 312, 329, 364-366; stone, XIX, 41, XXX, 64, 65, 185; used as fuel, III, 123, 153, 171, 335, IV, 77, 193, V, 295, 308, 309, VIII, 248, IX, 95, X, 79, 226, XII, 276, XIII, 44, 49, XIV, 161, XIX, 27, 56, XXII, 138, XXVI, 210.

Coal Chief (Shotaharrora), quarrel with Black Cat, XXIII, 231, 232.

Coalpo (Calloph), Clatsop chief, VI, 243, 246, 249; with Franchère, 310.

Coashatay Indians. See Coshatta.

Cobaway (Cobowool, Comowool), Clatsop chief, VI, 259, 261, XXX, 193.

Cobbett, William, publicist, IX, 36, X, 11, 23, 27, 115, 132, 160, XI, 143, 248; caricaturist, 267; character, X, 165-167; in England, XI, 234; relations with Morris Birkbeck, X, 165-169, XI, 245, 269; Burdett, X, 167, 168; Flower, 118-120; Robert Malthus, 61; calumniates Western settlements, 101, 109, 153, 163; dedication to, 19, 20; *Address to the Farmers*, 120; *Letter*, 22; *Weekly Political Register*, 27, 29, 120, 163, 165, 166, 168; *Year's Residence in America*, IX, 36, X, 11, 12, 17.

Coburn, Henry P., sketch, IX, 294.

Coburn, John, land proprietor, IV, 168, 169.



- Coça Indians, De Soto among, XIII, 332.
- Cochawitchake, Shawnee king, I, 60.
- Cochineal, abundant, XVIII, 378.
- Cochiti, pueblo of, language, XX, 56; sketch, 72.
- Cochiquacaukehilton, Indian chief, I, 220.
- Cochran, George, in Natchez, IV, 94; Bayou Pierre, 335.
- Cochran, Robert, in Mississippi, IV, 313, 314.
- Cock of the mountains, habitat, XXVII, 184.
- Cock of the plains (*tetrao urophasianus*), described by Townsend, XXI, 194, 195; Lewis and Clark, XV, 304; abundant, XXI, 197.
- Cock of the woods. See Pheasants.
- Cockchafers, abundant, XXII, 137.
- Cocken (Cocker), —, in Washington, XI, 116, 117, 124, 132, 140.
- Cockleburrs, habitat, XXX, 115.
- Cockroaches, troublesome, XXII, 160.
- Cocks. See Chickens.
- Coco-Maricopa Indians, on Gila River, XVIII, 131; defeat Yuma, XXVIII, 261; fear whites, XVIII, 132.
- Cocoa, article of trade, XXIX, 60; food, XXVIII, 325; supply, 308, 374.
- Cocoa-trees, VI, 212, 215, VII, 58, 71, VIII, 31; nuts, VI, 211, VII, 59, 64, X, 192, XXII, 42.
- Coconino (Havasupai) Indians, language, XVIII, 136.
- Cocopa Indians, on Colorado River, XVIII, 131; physique, 195, 196; food, 198; dress, 195, 196; scalp dance, 199, 200; hospitable, 198; relations with Pattie, 194-200.
- Cod, habitat, XXIX, 51, 93; abundant, 148; how caught, XXII, 38.
- Cœur d'Alene (awl-hearted, Stiel Shoi) Indians, XXVII, 282, 299-302; habitat, XXIX, 307; number, XXVII, 283; character, XXIX, 304, 305; fasting, XXVII, 364; celebration, XXIX, 300; first meet whites, 305; reservation, XXVII, 365; missions among, 282, 283, 369, 373; De Smet, XXIX, 173, 302; chapel, 143; converted, XXVII, 319, 335, 381, XXIX, 181, 304, 310-321; religious zeal, XXVII, 379, XXIX, 291; view of mission, 315.
- Coffee trees (*guilandina dioica*), III, 229, V, 255, 280, X, 306, XIV, 213, XVII, 115, 143; (*bonduc*), XIV, 213; bean trees (*gymnocladus canadensis*), VIII, 276, 284, XII, 125, XIII, 72, 90, 242, XIV, 213, XVI, 151, XXII, 166, 189; coffee as a beverage, VII, 179, IX, 161, X, 337, XI, 51, 73, 78, 79, 203, 205, 288, 299, XII, 16, 99, XV, 179, XVII, 17, 56, XIX, 139, 207, XX, 193, XXI, 127, XXII, 114, 115, 358, XXIII, 11, 27, 277, XXIV, 31, 36, 50, 76, 89, XXVI, 323, XXVII, 400, XXVIII, 56, 172, XXIX, 298, 368, XXX, 57, 60, 74, 144; general use, XIX, 293; quality, XII, 249, XXII, 72; as a remedy, XXIV, 34; present, VI, 214, XVI, 185, XXIX, 371; supply, V, 299, XI, 45, XII, 157, XV, 192, XVI, 42, XIX, 190, XXII, 235, XXVIII, 184, XXX, 260; article of trade, III, 192, X, 59, 212, 337, XXI, 64, XXII, 182, 383, XXVIII, 171, XXIX, 60, 94; imported from Caribbees, III, 203; prices, IX, 31, X, 108, XIII, 161, 317, XXI, 85, XXX, 57; substitutes for, IX, 247, XI, 44, XII, 107; mills, V, 285; pots, XIX, 206, XXX, 144; houses, XII, 166, XIII, 316 (see also Taverns).
- Coffin, —, on Sullivan's Island, XI, 98.
- Cohen, —, in West Virginia, XIII, 53.

- Cohoon, —, improves steam power, IV, 339.
- Cohos (Ill.). See Cahokia (Ill.).
- Coke, Daniel P., English commoner, XI, 57, XII, 44.
- Colbert, Jean Baptiste, French minister, XXVII, 36, 38, 74.
- Colburn, Alexander, in Revolution, IV, 280.
- Cold Spring (Ill.), Flagg in, XXVI, 354.
- Cold Spring (N. Mex.), Armijo at, XX, 230; Gregg, XIX, 234.
- Cold Springs (Pa.), Harris in, III, 368.
- Colden, Cadwallader, English author, II, 13, 41, 43; *Five Nations*, 41, XIII, 344, XXIV, 163.
- Cole, —, tavern-keeper, XI, 38.
- Cole, Edmund, commands "Eleonora," VII, 52.
- Cole, Col. Edward, in Illinois, I, 147.
- Cole family, settle Boonville (Mo.), XXI, 89.
- Cole County (Mo.), boundary, XIV, 148; state capital in, XXII, 242; village in, XXIV, 122.
- Coleman, John, in Waterloo (Ill.), XXVII, 104.
- Coleridge, Samuel T., quoted, VI, 333, XXVI, 32, 70, 222.
- Coleridge, Thomas, quoted, XXVI, 32, 70, 222.
- Coles, —, tavern-keeper, IV, 195.
- Coles, Edward, governor of Illinois, X, 15, 47; diplomatist, 10.
- Coles, John, sail-maker, VI, 195, 233; drowned, 235, VII, 83.
- Coles County (Ill.), prairie in, XXVI, 340.
- Colfax County (Nebr.), creek in, XV, 141.
- Colfax County (N. Mex.), boundary line, XIX, 249.
- Colgin, —, in Kentucky, IV, 163.
- Colhoun, A., bank cashier, IV, 51.
- Coligoa Indians, De Soto among, XIII, 327, 328.
- Collappohyeaass Indians. See Kalapuya.
- Colleges. See Education: Colleges.
- Collier, Catherine, founds college, XXVI, 279.
- Collier, Charles, in Limestone Cove (Tenn.), III, 99.
- Collier, George, founds college, XXVI, 279.
- Colliers. See Trades.
- Collin, Dr. Nicholas, in Philadelphia, III, 131.
- Collins, Augustus (Anson), plats Collinsville (Ill.), XXVI, 200.
- Collins, George, on Mississippi River, IV, 305, 306.
- Collins, Hugh, landowner, X, 262, 264, 265, 298, 316, 343.
- Collins, Lewis, IV, 192, XXVI, 74, 77, 216.
- Collins, Michael, plats Collinsville (Ill.), XXVI, 200.
- Collins, Thomas, lawyer, IV, 84.
- Collins, Zaccheus, of American Philosophical Society, XIII, 26.

- Collinsia*, observed by Nuttall, XIII, 179, 199.
- Collinsville (Unionville, Ill.), described by Flagg, XXVI, 200.
- "Colony Gardens," Ross's home, VII, 11.
- Colorado, boundary, XVI, 80, XIX, 229, 295, XXVIII, 233; natural features, V, 194, XIV, 174, XV, 252, XVI, 59, 65, XVIII, 50, 63, 75, XXI, 60, XXVII, 160; distances deceptive, XV, 287, 288; astronomical observations, 250; minerals in, XIX, 310, XXVIII, 199, 218; Indians, XV, 157, XVIII, 140, XXVII, 165; W. W. Bent, XXVIII, 71; Frémont, XVI, 36; first governor, XXX, 39; Santa Fé trail, XIX, 229; railways, XVI, 24, XIX, 234, XXX, 63.
- Colorado Springs (Colo.), site, XV, 288, XVI, 25; astronomical observations, 27; Long in, XIV, 15, XV, 314.
- Colt, Samuel, invents pistol, XX, 139.
- Colter (Coalter), John, adventures of, V, 15, 44-47.
- Columbia (Ill.), site, XXVII, 105.
- Columbia (Mo.), site, XXII, 243, XXIV, 122, XXX, 33; court house, XIV, 146; state university, XXIV, 122; Townsend in, XXI, 133.
- Columbia (Ohio), situation, IV, 256, X, 235; Maximilian, XXII, 155.
- Columbia (Pa.), situation, III, 136, 137, XII, 182; view of bridge, 179.
- Columbia (S. C.), location, XI, 75; banks, 81; Faux in, 86-89, 91; F. A. Michaux, III, 291, 294; population, 295.
- Columbia (Tenn.), road, VIII, 63.
- "Columbia," North West Company vessel, VI, 295, XXIV, 193; commanded by Gray, VI, 185, XXIX, 116; Kendrick, XXVIII, 38; Royal, XXI, 368; described by Townsend, 368.
- Columbia County (Oregon), seat, XXIX, 67; boundary line, 288; streams in, XXX, 206, 232, 290; Deer Island, VI, 263; Oak Point, 261.
- Columbia Fur Company, established, XXI, 45; members, XXII, 314; employes, XXIII, 223, 225, 227, XXIV, 16; posts, XXII, 304, 316, 345, XXIII, 214, 225; brigades, 226, 227, XXVIII, 17; Indian treaty, XXIII, 228; rivalry, XXII, 232, 233; losses, XXIII, 227; consolidation with American Fur Company, XXII, 228, 234; sketch, 233. See also Fur Trade.
- Columbia Magazine*, III, 178.
- Columbia River Fishing & Trading Company, founded, XIII, 15, XXI, 113; disasters, 325.
- Columbian Indians, burial customs, XXVII, 166; love of games, 171; described by De Smet, XXIX, 285-287; Townsend, XXI, 332-334.
- Columbine (*aquilegia cœrulea*), described, IV, 128, XV, 305, XVI, 17; in Indiana, IV, 272.
- Cumbo-root, as a medicine, X, 303, XXII, 167.
- Columbus, Christopher, discoveries, XI, 103, 276, XIX, 104, XXI, 98, XXVI, 213; towns named for, XXVII, 105.
- Columbus (Nebr.), location, XIV, 276.
- Columbus (Ohio), location, IX, 117; national road, X, 327, XIII, 51, XIV, 60, XXI, 39, XXIV, 152; canal, 150, 151; capital, IX, 118, X, 235, 326; publishers, XVIII, 28; Kilbourn in, XXIV, 155.
- Colusa (Cal.), Cooper in, XIX, 178.
- Colvig, William V., *Indian Wars of Southern Oregon*, XXX, 191.
- Colville, Eden, fort named for, XXVII, 330.

Colville Indians, habitat, XXVII, 319; Catholic communicants, 319, XXIX, 191; population, XXVII, 319.

Colville (Wash.), site, XXVII, 330, XXIX, 191, 272; road, 290; Catholic diocese, 141; population, 98.

Colvin, —, on Ohio River, IV, 155.

Colvin, —, editor, XII, 65.

Comal (comalli), baking utensil, XIX, 290.

Comanche (Ietan, Jam paricka) Indians, stock, XX, 342; affinities, XIV, 211, 233, XV, 157, XXVIII, 212; bands, XX, 297; renegades, XXVIII, 164; described by travellers, XVII, 156-158, XVIII, 341, XX, 342-346, XXVIII, 60, 149-151; sketch, XIV, 233, XVI, 233, XXVIII, 150; habitat, XVI, 106, XVIII, 375, XIX, 221, XX, 342, XXI, 192, XXVIII, 77, XXIX, 230; numbers, XVI, 233, XX, 138, 342, XXVIII, 149; characteristics, XVI, 208, XX, 78, 134, 266, XXVIII, 164; language, XVI, 235, XX, 205, 238, XXVIII, 138, 266, 267; dialect, XXIV, 296; religion, XX, 351; medicine men, 334, 335; occupations and dress, XVI, 233, XVIII, 72, XX, 125, 329, 345, 346, XXVIII, 163; wigwams, XX, 327; marriage customs, 205, 344, 345, 347; war-customs, XVI, 233, 234, XVIII, 66, XIX, 211, XX, 139, 346-350; captives, 129, 350, 351; slavery, 347; government, 343, 344; horsemanship, 346; intoxicating drinks, XVIII, 94, XX, 342, 343; mourning, 351; intertribal relations, XIV, 232, 233, XV, 156, 253, XVIII, 66-69, XIX, 197, XX, 107, 349; with Kiowa, 109; Navaho, XVIII, 69, 72; Osage, XVI, 233; Oto, XVII, 151; Pawnee, XV, 153, 157-160, XVI, 95, XVII, 154, XVIII, 70, 71; Sioux, XIX, 228; relations with whites, XVIII, 12, XIX, 178, 185, 231, 285, XX, 57, 70, 126, 127, 130, 133, 347, 348, XXVIII, 61, 62, 72, 91, 99, 100, 165, 172, 210, 211; with Mexicans, XVIII, 78, XX, 77, 226, 348, 349; Texans, 348, 349; traders, XIX, 177, 240, XX, 137, XXI, 22, XXVIII, 161; with Bell's party, XVI, 232-237; Gregg's, XIX, 15, XX, 120-131, 143, 219; Long's, XIV, 16; Pat-tie's, XVIII, 110; Pratte's, 65-72; assassinate Jedediah Smith, XIX, 236, 237.

Comanche, Manuel el, guide, XX, 204-206, 211, 212, 217.

Comancheros, described, XX, 137, 140, 212; with Gregg, 139.

Combs, manufactured, IX, 240; article of trade, XV, 192, XVI, 200.

Comcloups. See Kamloops.

Comets, superstition regarding, XXVI, 63; observed by Long, XIV, 145, XVII, 266; Ross, VII, 151; Woods, X, 186.

COMMERCE: restrictions on, V, 269, IX, 205, 207, 267, 268, XII, 31, XIX, 17, 255, 256, XX, 222, 236, 237, XXVII, 42; competition in, XXIX, 59, XXX, 217, 218, 293; speculation, III, 207, IX, 136, XII, 239, XIII, 64, XIX, 34, XXI, 32; value of, II, 27, 46-52, III, 157, 158, VIII, 119, 317, IX, 288, XI, 160, 218, XII, 328, XIV, 19, XIX, 82; how promoted, VIII, 117, 120, IX, 105, 154, XXII, 11, XXVI, 66; fluctuations in, XIII, 317; prosperous conditions, III, 19, 23, 161, IX, 59, XIX, 42, 126, XX, 149, XXII, 57, 138, XXVI, 57, XXX, 216; depression, IX, 53, 130, 225, 238, 271, 288, X, 187, 191, 218, 236, 342, XI, 113, 114, XII, 81, 89, 119, 165, 191, 197, 222, 237, XIX, 43, 177. Methods, III, 205, IV, 11, 183, X, 317, XI, 143, 295, XII, 122, 165, XX, 186; dishonest, XII, 78, 83; barter, III, 139, IX, 228, XI, 162, XII, 94, XIII, 83, 86, 255, XIV, 270, XV, 209, XVI, 110, 207, XX, 348, XXII, 378, 381, XXIII, 17, 98, 107-109, XXIV, 19, 45, XXVII, 54, 243, XXVIII, 162, 174, 182, 262, 307, 316, 317, 341, XXIX, 97, XXX, 74, 86, 87, 105, 116, 235, 241, 260 (see also Fur Trade, and Indians: Trade); exchange, III, 159, 203, 204, 291, XI, 55, 56, 112, XXI, 193; contract, XXIX, 96; credit, III, 203, 343, X, 347, XII, 319, XIV, 307-310. Auctions, IX, 59, X, 347, XII, 182; fairs, XX, 162; markets, III, 130, 145, 294, 295, 325, IV, 31, 40, 73, 98, 116, 123, 136, 182-187, 192, 198, 216, 239, 260, 321,

344, VI, 192, VIII, 81, 219, 337, 338, 340, 341, IX, 30, 36, 59, 326, X, 45, 107, 133, 217, 227, 236, XI, 139, 160, 188, 193, 251, 253, XII, 182, 221, 250, 255, 257, 291, XIII, 38, 64, 317, XVIII, 361, 373, XIX, 34, 35, 37, 40, 101, 126, 135, XX, 156, XXI, 26, 34, XXII, 63, 131, XXIV, 126, 152, XXVI, 164, 304, 306, 312, 319, XXVII, 59; peddling, XIII, 314, XXI, 32, 33, XXVI, 130; storage and warehouses, IX, 239, 269, XIII, 51, XIV, 158, XVIII, 279; signs and trade-marks, IX, 161, XII, 315, XXII, 50, 153.

*Articles:* cotton, III, 252, 279, 280, IV, 368, XXVI, 10; fish, XII, 331; ice, XXI, 12, 23, 27, 18; live-stock, III, 243, V, 114, X, 192, XXI, 26, 73, XXVIII, 71, XXIX, 62, 96, XXX, 190, 192, 197, 229, 249, 294 (see also Cattle, Hogs, Horses, etc.); lumber, XXX, 195, 199, 204; minerals, XIX, 54, XX, 178, 184, 185; provisions, III, 139, 140, 145, 205, 241, 300, IV, 355, 358-360, 363, 364, X, 192, XII, 320, XXII, 143, XXX, 179, 297; slaves, VIII, 320, IX, 141, X, 210, XI, 62, XXVII, 42 (see also Negroes). See also the several articles.

*Domestic:* home-markets, VIII, 222, IX, 269, 271, X, 141, 142, XI, 139, 146, 163, 170, 267, XIX, 135, 136; scarcity of, XI, 109, 110, 139, 146, 151, 161, 179, 192, XII, 18, 20, 105, 107, 293, XIII, 65; relation to settlement, IX, 42, 183, X, 321, XI, 178, XII, 202, 236; commercial centres, in East, VI, 192, VIII, 107, 117, 178, 180, 182, XII, 120, XIX, 153, XXII, 53, XXIV, 161; comparison with Western, VIII, 146, IX, 10; in the Middle West, III, 145, IV, 260, 282, XI, 143, 146, 156, 161, 170, 172, 176, 179, 186, 192, 200, 202, 204, 214, 219, 234, 267, XII, 257, XIII, 44, 45, 100, XVIII, 32, XIX, 25-27, 41, 42, 59, 71, 131, XXII, 216, XXIV, 143, 158, XXVI, 69, 278, XXVII, 61; South and Southwest, III, 31, VIII, 339, XIII, 142, XIX, 55, 122; interstate commerce, IV, 229, VIII, 180, 281, 284; coasting-trade, III, 125, 159, 203; inland-trade, 129, 158, VIII, 118, XIII, 38; on Great Lakes, VIII, 79, 155, 195, 222, XXIV, 159, 160; harbors, XVIII, 32, 364, XXVII, 23; on inland rivers, III, 163, 166, 180, 334, 335, 351, IV, 59, 151, 310, 349, V, 104, VIII, 59, 257, IX, 156, X, 221, XII, 19, 237, XVII, 174, XIX, 38, 41, 55, XXII, 201, XXVI, 76; Northwest coast, VI, 185, 250, 402, VII, 21, 103, 129, 138, 161, XI, 46, XXI, 11, 12, 289, 306, 325, XXVIII, 34, 35, XXIX, 51, 57, 61, 62, XXX, 74, 86, 93-98, 105, 108, 110, 111, 114, 116, 157, 166, 195, 222, 223, 231, 239, 292-295; between East and West, II, 49-51, III, 35, 109, 159, 194, 343, IV, 229, V, 277, VIII, 118, 120, 182, 222, 248, 269, XII, 213, 258, XIII, 41, XXI, 131, XXVI, 44, XXVIII, 359; in Ohio and Mississippi valleys, III, 157-161, 194, 239, 240, 251, 281, 282, IV, 97, 229, 260, 306, 355, 358, V, 197, 198, VIII, 276, 293, XI, 151, XII, 237, XIII, 68, 317, XXII, 151, 184, 203, XXVI, 81, 149, XXVII, 50; on Western plains, XIX, 339, XX, 223, 252, XXII, 211 (see also Fur Trade). Santa Fé trade, XVI, 230, XVIII, 347-350, XIX, 175, 183, 187, 206, 221, 287, XX, 146, 147, 218, 223-226, 229, 232, XXI, 73, XXII, 247, XXVIII, 67, 68, 81, 161, XXX, 229; history of, XIX, 15-17, 163-166, 173-180, 195, XX, 221; investments, 224; profits, XIX, 182, XX, 222-224, XXII, 253, XXVIII, 71; supplies, XXI, 136, XXVIII, 65; organization of caravans, XIX, 16, 17, 180-194, 214, 215, 219, 240, 241, 257, XX, 87-89; rules, XXVIII, 60-62; rendezvous, XIX, 188, 189, XXVIII, 46, 57, 60; caravan described, 81, 84, 85; pictured, XIX, 245; routes, 166, 234, XX, 146, 240 (see also Roads: Santa Fé trail); day's journey, XXVIII, 95; caches, XX, 135; traders, characteristics, 146, XXVI, 279, XXVIII, 82-84, 91, 98; individual participants, XIX, 164, 238, XXI, 184, XXX, 190; vicissitudes, XIX, 183, 184, 199, 207, XX, 88, 136, 146, 204, 219, 220, 226-228, XXVIII, 84, 96; relations with Indians, XIX, 17, 181-186, 231, 232, XX, 91, 108, 136, 137, XXI, 221, XXII, 336, XXVIII, 62; with Mexicans, XIX, 176, 273-276. See also Farnham, Gregg, and Texas: Santa Fé expedition.

*Foreign:* in general, IV, 186, VIII, 137, 138, 221, 293, 339, IX, 269, 272, XI, 131, 139, XII, 81, XIX, 154, 257, XXI, 28, 258; with Belgium, XXIX, 137; Canada, VIII, 180; China, III, 233, VII, 37, 112, XI, 54, XXIX, 62; East Indies, III, 203, VIII, 26, 30, XXI, 12; England, III, 203, IX, 62, 265-268, 271, 276, XII, 258; France, III, 203, XI, 136; Hawaii, VI, 214, VII, 59, 60, 62, XXI, 9, 10, XXIX, 26, 58; Mexico, XVIII, 9, 168, 177, 361, 362, 378, XIX, 14, 15, 159, 160, 173, 338, XX, 26, 146-149, 185, 186, 203, 222-227, 250, XXVIII, 60 (see preceding paragraph: Santa Fé trade); Russian



COMMERCE: *Foreign* (continued)—

colonies, VI, 286, XXIX, 94; West Indies, III, 177, 203, 351, IV, 368, VIII, 269, XXII, 42; between foreign nations, VI, 300, VIII, 30, XVIII, 286, XIX, 148.

*Imports*: III, 203, 207, IV, 229, VIII, 269, 294, 304, 325, IX, 58, 134, 135, 149, 197, 247, 265, 268, 273, 312, X, 73, 79, 130, 141, 236, XI, 116, 160, XII, 66, 258, 259, XVIII, 9, XIX, 27, 34, XXIX, 94; exports, III, 139, 145, 153, 158, 205, IV, 30, VIII, 318, IX, 265, 331, XIV, 57, XVI, 282, XVIII, 151, XIX, 323, XXIV, 125, XXVII, 69, XXIX, 15, 51, 65, 94 (see also Merchants). Duties, IX, 31, 115, 135, 207, 266, 267, 271, XI, 167, XII, 163, 169, XVIII, 73, 338, 353, XIX, 255-257, XX, 143, 147, 148, 204, 207, 224, 226, XXI, 344; smuggling, II, 38, 52, XI, 34, 35, XVIII, 245, 270, 277, 309, 310, 337, 363, XIX, 250, 256, XX, 171, XXII, 254. See also Custom houses, Economic Conditions, Fur Trade, Navigation, Roads, and Transportation.

Commerce (Mo.), site, XIV, 95, XXII, 207.

"Commerce," brig, VIII, 364, XVIII, 27.

Committee's Punch Bowl, location, XXIX, 265; river on, 78, 260; De Smet on, 252.

"Commodore Rogers," pilot vessel, X, 184.

Comowool. See Cobaway.

Compass, I, 322; equipment, VIII, 103, 156, 196, IX, 180, XV, 192, XVII, 99, XIX, 179, XX, 109, XXII, 194, 350, XXIII, 239, XXVI, 229, 299, 366, 367, XXVII, 181, 192, XXIX, 152; war-booty, XXIII, 96; lost, XXI, 190.

Compass, Indian messenger, I, 251.

Compere, Jane, in Bethel, XI, 61.

Comyges, John, founds Cairo (Ill.), XXII, 204.

Conajarca, Six Nations chief, I, 60.

Conawagus (Avon), road, VIII, 41.

Conch shells (*cassis cornutus*), XIV, 120; observed by Drake, 118; Nuttall, XIII, 289.

Conchac Indians, habitat, XIII, 357.

Concholiths, where found, XXVII, 110.

Concomly, Chinook chief, VI, 240, 258, 333; characteristics, 336, VII, 90, 94, 95, 99, 247, 249; at Astoria, VI, 288, VII, 100, 247; saves Astorians, 87; returns deserters, 93; present to, 99, 249; son of, VI, 279, 325; sketch, 240.

Concord (Mass.), Buttrick in, VIII, 41, 42, 89.

Concord (Miss.), Minor in, IV, 332.

Concord (N. H.), Evans in, VIII, 104, 106.

Concordia (La.), Cummins in, IV, 350.

Condry, —, aid-de-camp, XI, 93.

Condry, Jonathan W., founds Bethlehem (Ohio), XXIV, 156.

Cone-flower, *rudbeckia columnaris*, XV, 273; *tagetes*, XVI, 64, 65.

Conestoga Indians, sketch, I, 239, IV, 43, 44.

Confederacy, Southern officers in Missouri, XIX, 181; Fort Jackson, 121; Cherokee treaty, XX, 303. See also Southerners.

Confluence (Pa.), site, III, 333.

Conglomerate, ferruginous, XIII, 219, 221; observed by Maximilian, XXII, 110, 118.

Congo (Ohio), situation, IV, 219.

Congregationalists, in Massachusetts, XII, 50, 53; Middle West, XXVI, 306, 307; Oregon, XXVIII, 275; found colony, 307; missions, XVIII, 25, XXVIII, 275.

Congress, continental, I, 131, 182, II, 207-210, III, 206, IX, 207, XXI, 63; United States, recommended by Jefferson, 21; composition, IX, 207, 208, XII, 26; powers, IX, 191, 207-210, 213, 214, 223, XII, 25; impartiality, IX, 222; preaching before, XII, 53; prayers, XI, 72; Twelfth, XII, 45; Seventeenth, XVIII, 25; Eighteenth, XIX, 182; Twenty-ninth, Thirty-first, XVI, 191; Democratic majority, IX, 62; officers, XI, 129, 145, XII, 23; members, IX, 235, X, 322, 323, XI, 123, XII, 23, 25; individual members, III, 28, 36, 63, 87, 211, IX, 278, X, 46, 229, 322, XI, 57, 158, 174, 192, 193, XII, 23, 36, XIII, 307, 309, XVII, 46, XX, 235, XXII, 250, XXIV, 133, XXVI, 134; encourages exploration, VIII, 296, XIII, 283, XIV, 13, 22, XXI, 99; commerce, IX, 266, XII, 119, XVI, 275; internal improvements, VIII, 293, IX, 166, X, 65, 327, XII, 280, XIV, 60, XXVI, 57, 93, 161, 360; protects frontier, 138; land policy, III, 316, VIII, 184, IX, 178, 190, 236, 247, 257, X, 63, 262, 268, 332, 343, XI, 209, 277, XIII, 107, 136, 197, 302, XIV, 138, XIX, 60, 79, XXII, 179, XXVI, 66, 69, 96, 127, 164, XXVII, 47, 61, 118; slavery agitation in, VIII, 320-322, X, 106; Missouri compromise, IX, 192, XII, 311, 318; Oregon policy, XXI, 16, 24, 104, XXVIII, 321, 322, XXIX, 280; territorial legislation, XIX, 79, XX, 26, XXX, 214; erects states, XIX, 53; cities, XXVII, 119; repeals excise law, III, 144; increased compensation act, IX, 214; copyright act, VIII, 96, 98, XIII, 25, XVIII, 24, XIX, 22; erects Art Commission, XXII, 139; rewards services, VIII, 200, 217, XII, 314, XXVI, 310; debates of, VIII, 137, XI, 124, XIX, 182; addresses to, XI, 120, XII, 54, XXVII, 190; petitions, IX, 308, XII, 24, XXVI, 169, 193, XXIX, 23, 24, 33, XXX, 100; relations with Washington, XI, 46, XII, 71; visitors to, V, 103, XII, 22, 23; *Annals* of, X, 332, XIX, 176, 177; *Congressional Globe*, XXIX, 24, XXX, 100. See also Politics, United States, and Washington (D. C.).

"Congress," ocean vessel, XXIV, 194.

Conies. See Hares.

*Conifera*, on Laurel Mountains, XIV, 53; Missouri River, 213; observed by Long, XVI, 165.

Connecedaga Indians, mission village, II, 47, 58, 76; in War of Revolution, 55, 58; described, 61-69; Long among, 58, 70, 76.

Connecticut, VIII, 110, XII, 74; charter, IV, 91, VIII, 180; first settlers, XXVI, 311; western claims, I, 187, VIII, 84, 186, XIX, 79; ceded to United States, IV, 91, VIII, 186, 187, XIX, 79; ship-building in, IX, 311; prices, III, 201; social conditions, IX, 291; land speculators, XXI, 36, XXIV, 159; Whigs, XXVI, 29; emigrants from, I, 178, III, 254, IV, 91, 308, VIII, 85, XIII, 53, XXVI, 307, 355; missionaries, XXVIII, 322; Avery, III, 55, IV, 131; Austin, V, 251; Beers, XXIX, 21; Bissel, IV, 277; Bond, X, 70; Cornelius, XIII, 316; Fancher, XV, 202; Humphreys, XVII, 67; Leavenworth, XXIII, 223; Mather, XIX, 197; Pelton, VI, 271; Post, I, 177; Richardson, XXI, 155; Riley, XVIII, 27; Spaulding, XXI, 355; Talcott, XV, 140; Wild, IV, 131; Woodbridge, III, 354; *Mirror*, XXVI, 29.

Connel, Col. —, county clerk, IV, 109.

Connelly, —, factor, XXVIII, 380.

Connelly, Dr. Henry, cited, XX, 250.

Connelly, Dr. J., investment in Arkansas expedition, XX, 224.

Connelsville (Pa.), Harris in, III, 364, 372.

Connesedago Indians, described, I, 169.

Connewago Indians, described, I, 169.

- Connolly, John, at Falls of Ohio, I, 136.
- Connolly, William, in Fort Babine, XXIX, 278.
- Conoy Indians, origin, II, 43; habitat, I, 167; numbers, 167; sketch, 90.
- Constables. See Crime.
- Constantine, —, in Indiana, X, 64.
- "Constellation," American vessel, VI, 299.
- Constitution, United States, IX, 205-214, 222, 223, 248, XII, 24; how framed, IX, 207; appreciation, 10, 214, XI, 134, XII, 26-28; compared with English, 24-27; of Indian tribes, XX, 303, 309.
- "Constitution," American frigate, VI, 197; escorts "Tonquin," 197, VII, 43; Johnson, XXIX, 17; Lawrence, VIII, 241; Wyeth, XXI, 92; sketch, VI, 197, VII, 43.
- Consuls, American, XI, 35, XVIII, 259, 260, 298, 300, 302, 305, 315, 317, 364, XX, 26, 27; British, XI, 93, XXII, 66; Prussian, 58.
- Conti, Prince de, patronizes La Salle, XXVII, 37.
- Contra Costa County (Cal.), Bridger in, XXX, 70.
- Contrecoeur, Pierre Claude Pecaudy de, in Fort Duquesne, I, 58, 85, III, 156, XXVII, 91.
- Convallaria*, III, 29, 56, XXIX, 424.
- Convents. See Catholics.
- Converse County (Wyo.), creeks in, XXX, 64, 65, 249.
- "Conveyance," Maximilian on, XXII, 200.
- Convolvulus, habitat, XXVIII, 205; described, XV, 259; cultivated, X, 303, XXII, 69.
- Conwell, Yates, on Fish Creek, III, 350.
- Conyza*, on Meramec River, XIV, 107.
- Cook, —, hunter, XI, 286, 292.
- Cook, Amos, Oregon pioneer, XXX, 172.
- Cook, Daniel P., Illinois pioneer, X, 322, XXVII, 104.
- Cook, Capt. James, voyage, II, 22, VI, 186; on Northwest coast, VII, 250, XXVIII, 31, 36, 37, XXIX, 116; discovers Sandwich Islands, VI, 209, 213, 216, VII, 57; names cape, XXIX, 74; collects curiosities, XIX, 13; killed, VI, 344, VII, 71; monument, VI, 212; sketch, 209, XXVIII, 31.
- Cook, John A., Illinois pioneer, XXVI, 200.
- Cooke, Gen. Philip St. George, escorts Santa Fé caravan, XIX, 187, XX, 233, 234; returns, 234; describes site, XIX, 197; *Conquest of New Mexico*, 187; *Scenes and Adventures*, 187, 211, XXIII, 197, 224.
- Cooke, Col. William G., XX, 232.
- Cooks. See Trades.
- Cookson, J., in Illinois, XI, 270.
- Cooper, —, Indiana pioneer, IV, 269.
- Cooper, Col. Benjamin, expedition to Taos, XIX, 178.
- Cooper, Braxton, Santa Fé trader, VI, 48, XIX, 178.
- Cooper, James Fenimore, cited, XXI, 166, 244, XXVI, 187, 239, 284.
- Cooper, Capt. John Roger, in Solis revolt, XVIII, 294-297, 303, 305; sketch, 291.
- Cooper, Sarshall, Missouri pioneer, VI, 48.

- Cooper, Stephen, Santa Fé trader, XIX, 178, 182, XXX, 190.
- Cooper, Thomas, scientist, IX, 56.
- Cooper County (Mo.), seat, XXI, 89, XXX, 33; Booneville in, XIV, 162.
- Coopers. See Trades.
- Coos County (Oregon), mountains in, XXX, 191.
- Coot, common (*fulica americana*), XXIX, 206; observed by Long, XV, 323.
- Cootanai Indians. See Kutenai.
- Coote & Dumbleton, brewers, XI, 113.
- Copallinum*, III, 29.
- Copper, observed, XIII, 67, XVIII, 106; legend of, XXVIII, 160; search for, XIII, 326, XXVII, 43; discovered, 93; abundant, XXIX, 246; mines, where found, XX, 243, XXII, 215, XXIX, 229; on Cove Creek, XVII, 56, 57; in Illinois, VIII, 291, IX, 190, XVII, 232; New Mexico, XVIII, 13, 14, 86, 87, 108-111, 118, 119, 144, 167-170, 176-180, 264, 350, XIX, 310; St. Peter's River, V, 107; manufacture of, XVIII, 153; engravers on, IX, 239; smiths, IV, 185, V, 285, IX, 84; uses of, XIX, 91, XXII, 31, 70, 164, XXIV, 148, XXVII, 37. See also Money.
- Copperas, in Illinois, XIX, 60; abundant, XXVIII, 153; manufacture, IX, 86; as a remedy, X, 286, XII, 273.
- "Cora," steamboat, XVIII, 319.
- Coral reefs, in Hawaii, VI, 215, VII, 58, 71; corals, IX, 287.
- Corallines, where found, XIII, 67, 226, XXI, 125, XXVII, 110.
- Corallorhiza*, XIV, 94.
- Corbeaux Indians. See Crows.
- Corbett, Julian S., *Drake and the Tudor Navy*, XXVIII, 36.
- Cordage. See Ropes.
- Cordier, Pierre Louis Antoine, geologist, XXIII, 99.
- Coreopsides*, observed by Nuttall, XIII, 208.
- Coriac Indians, with Pattie, XVIII, 283; as hunters, 284.
- Coriander, observed by Nuttall, XIII, 220; Woods, X, 303.
- Corinth (N. Y.), post-office in, XXIV, 190.
- Corinthian (flower), named by De Smet, XXVII, 256.
- Corkendale, —, Kentucky bandit, IV, 268.
- Corlaer (N. Y.), early name for Schenectady, XXIV, 187.
- Cormorant (*carbo*, black-shag), XXI, 314, XXIX, 206; habitat, VI, 323, XXIV, 102; hunted, 105.
- Corn (maize), I, 134, III, 256, IV, 58, 131, 170, 171, 190, VI, 37, 38, VIII, 268, IX, 65, 72, X, 99, 101, 220, 279, XIV, 134, XVII, 31, XXII, 182, 183, XXIII, 211, XXIV, 82; cultivated, V, 260, 264, VI, 388, VIII, 262, 266, IX, 233, X, 185-188, 201, 209, 211, 222, 240, 263, 293, 347, XI, 187, XIII, 59, 98, 101, 102, 129, 141, 161, 166, 325, 328, XIV, 74, 149, XVI, 190, 286, XVII, 31, XVIII, 222, 308, 375, XIX, 31, 54, 290, XXI, 147, 298, XXII, 40, 48, 61, 73, 78, 87, 128, 130, 145, 147, 152, 159, 194, 226, 244, 266, 272, 285, 289, 306, XXIII, 235, 238, 241, 274, XXIV, 77, 107, 111, XXVI, 48, 302, XXVII, 119, XXVIII, 85, 122, 129, 131, 135-139, 146, 190, 276, 334, XXIX, 40, 84, 97, 98, 185, 246, 381, XXX, 32, 33, 61, 87, 111, 189; by Indians, V, 90, 158, 175, VI, 116, XIV, 197, 289, XV, 128, 132, 154, 204, 209, 216, 217, XVI, 240, 247, XVII, 17, 154, 160, XVIII, 43, 121, 132, XX, 315, XXI, 48, XXIV, 20; fields of, I, 308, V, 195, IX, 300, 310, X, 53, 233, XII, 178, 217, XVI,

## CORN (continued)—

186; characteristics, IX, 254, 279, X, 215, 248, 340; methods, III, 194, 237-239, XIX, 75, 76, XXX, 286; irrigation, XXIX, 50; soils good for, XIII, 170, XVII, 28, 111; cost of production, IX, 233, XI, 124, XII, 178; production per acre, III, 170, 191, 212, 237-239, 296, IV, 197, 263, 352, V, 315, VIII, 194, IX, 39, 82, 184, 303, X, 140, 298, 348, XI, 124, 141, 142, 199, 201, 204, 236, 242, 283, XII, 13, 14, 97, 218, XIV, 63, 149, XVII, 106, XIX, 70, XXI, 281, XXII, 182, 272, XXIV, 140, XXVII, 108, XXX, 286; as rent, IX, 293, XI, 207, 253; abundant, XII, 187, XIV, 101, XVIII, 308, XIX, 71, XXI, 126, XXIV, 89; scarce, IX, 78, X, 209; quality, IX, 75, X, 189, 202, 249, 353, XI, 165, 248, XII, 235, XIII, 130, 175, XXIV, 134; varieties, XXIII, 275; enemies destroy, XI, 158, XIII, 326, XVII, 20, XVIII, 159, XXI, 133; fields abandoned, XVII, 33; harvest, V, 310, IX, 79, 147, 148, XII, 265, XIX, 76; harvest jubilee, XVII, 55; husking, IX, 96, 107, XI, 205; localities, II, 187, III, 122, 151, 196, 215, 216, 221, 237, 276, 280, 281, 289, 304, IV, 37, 103, 112, 118, 149, 150, 206, 224, 236, 275, 307, 315, 317, 356, VIII, 194, XI, 80, 148, 168, XII, 254, 255, XIV, 162, 296; as food, V, 164, VIII, 230, X, 304, XII, 251, XIII, 326, XIV, 278, 286, XV, 43, XVI, 241, 252, 284, XVII, 55, 128, XVIII, 222, XIX, 290, 318, XXIII, 280, 334, 346, 351, 379, XXIV, 40; prepared, V, 131, XIII, 161, XVII, 55, 56, XVIII, 264, XXIII, 277; grinding, III, 199, IV, 300, XIX, 39; pounded, V, 133, 152, VI, 354, VIII, 64, 66, XIV, 199, XXII, 97; parched, V, 135, 171, 172, VI, 355, XV, 262, XVI, 30, 42, XX, 66, XXIV, 41; boiled, VIII, 65, X, 247, XI, 75, XIII, 275, XIV, 189-191, XV, 211, XVIII, 248, XXIII, 167, 220, XXIV, 28, 36, 48, 58, 61-64, 76, XXIX, 386; dried, VI, 116, XIII, 256, XIV, 302, XV, 217, XXIII, 269; lyed, VI, 33; bread, VIII, 268, IX, 161, X, 70, 284, 299, XI, 225, XII, 11, XVII, 17, XXIV, 50, XXVI, 323; broth, I, 311, VII, 192; as fodder, I, 279, 280, III, 243, 244, V, 260, 284, IX, 117, 162, 163, 234, X, 197, XI, 149, 197, 200, 245, 283, XII, 249, 274, XIII, 113, XXII, 184, 185, XXIII, 272, XXX, 289; as present, V, 108, 111, XVI, 269, 271, XXIII, 320; supply, XVIII, 84, XX, 204, XXIV, 92, XXX, 260; article of trade, III, 140, V, 87, VIII, 269, XI, 57, 288, XII, 78, XIII, 182, 354, XVII, 156, XVIII, 349, XXI, 64, 148, XXII, 383, XXX, 108; prices, I, 227, 279, 280, III, 205, 238, 239, V, 288, IX, 117, 126, 139, 293, X, 74, XI, 180, 230, 236, XII, 17, 22, 237, XIII, 77, 131, 228-232, 236, XIV, 131, 148, XIX, 68, 136, XXX, 219, 263; exported, III, 158, 238; distilled, XI, 290; how measured, X, 279; stored, XXIII, 235, XXIV, 13, 19, 36; cached, XIV, 277, 311, XV, 215, XXIV, 76, XXVII, 37; in Indian mounds, XXVI, 191; buried with dead, XX, 292; as a curiosity, IV, 171; poss, XI, 280; Guinea, IV, 326; meal as food, VIII, 55, XI, 77, 128, 140, XV, 191, XVI, 13, 41, 150, XVIII, 74, 358, XXI, 80, XXVIII, 325; fodder, XI, 123; supply, XXVIII, 308, 346, XXX, 260.

Corne, St. Luc de la, founds Fort à la Corne, VI, 375.

Cornelius, Rev. Elias, in New Orleans, XIII, 316.

Cornplanter, Seneca chief, sketch, IV, 89.

*Cornus*. See Dogwood.

*Cornutus* (shell), habitat, XIV, 119.

Cornwall (Can.), Flint in, IX, 324.

Cornwall (Eng.), emigrants from, X, 189.

Cornwallis, Charles, marquess of, in Revolution, XI, 67, 76, 77; in India, XII, 104.

Coronado, Juan Vasquez de, explores Southwest, XVIII, 73, 76, 130, 137, XIX, 258, 269, 301, XX, 59, 63, 64; journals translated, XIX, 258.

Coroners, election of, X, 322, 323; in South Carolina, XI, 88.

*Coronopus dydima*, collected by James, XV, 241.



- Ortiz, Hernando, relationship to Oñate, XIX, 259; conquest of Mexico, XIII, 73, XVIII, 356, XIX, 258; explorations, VI, 30, XXVIII, 30.
- Corvallis (Oregon), founded, XXX, 175.
- Corvan, Admiral Torribio Gomez de, on Northwest Coast, XXVIII, 31.
- Corvorant (*pelecanus carbo*), observed by Long, XV, 323, 327.
- Corydalis, *cucullaria*, XIV, 61; *flava*, XXII, 206.
- Corydon (Ind.), capital, IX, 280, XI, 283; water in, IX, 282; Chambers in, XII, 12.
- Corylus, III, 212; *americana*, 98-100; *cornuta*, 100; *rostrata*, 99.
- Coscosky, Indian village. See Kuskuskis.
- Coshatta Indians, habitat, XVII, 76, 80; character, 71; relations with Sparks, 70; population, 70.
- Coshawmekwy, Indian chief, I, 220.
- Coshocton (Ohio), location, VIII, 263.
- Coshocton County (Ohio), towns in, XXIV, 153.
- Cosihuiriachi (Carrocha), described by Pattie, XVIII, 153.
- Costilla, Don Miguel Hidalgo y, declares independence, XX, 189.
- Coswentannea, Indian chief, I, 79.
- Côte de la Roche, on Lake Superior, II, 144, 175.
- Côte-sans-Dessein (Mo.), site, XXIV, 123; described, V, 48, VI, 40, XIV, 140; soil, 138; vegetation, 156; limestone, XVII, 221; road, XXI, 129; boundary, XIV, 149; population, 137, XVII, 119; Brackenridge in, VI, 44, 45; Bradbury, V, 48; Long, XIV, 137, 141, 142, 144; Maximilian, XXII, 242; Osage, 248.
- Coteau des Prairies, river in, XXII, 369.
- Coteau du Lac (Can.), portage, IX, 325.
- Cottleville (Mo.), road, XXVI, 278.
- Cotton (*gossypium annuum*), IV, 11, V, 264; importance, III, 252, 303; cultivated, V, 260, 264-266, 285, 309, VIII, 304, 312, 326, 327, X, 141, 239, 250, 263, 284, 297, XI, 80, XIII, 101, 102, 129, 131, 141, 161, 166, 168, 221, 281, 301, 302, 307, 308, XVII, 31, 108, XIX, 57, 70, 129, 294, 295, XX, 164, XXII, 183, XXVII, 115, XXVIII, 122; by Indians, IV, 351, XVII, 17, 22, XVIII, 121; latitude for, XIX, 57; soil, XIII, 11, 165, XVII, 28; production per acre, III, 277, IV, 352, VIII, 326, X, 297, XIII, 130, 142, 309, XVII, 78, 106; abundant, IV, 317, VIII, 326, XVIII, 378; quality, X, 250, XI, 228, XIII, 107; diseases of, 302; degenerating, VIII, 267; habitat, IV, 154, VIII, 267, 349; Arkansas, IV, 298, XVII, 78; Carolinas, III, 293, 298, IV, 204; Florida, 336, XX, 235; Indiana, IV, 265, XI, 228; Kentucky, III, 237, IV, 265; Louisiana, III, 159, IV, 298, 368; Mississippi, III, 168, 254, IV, 307, 310-312, 318, 326, 351, 352; Missouri, IX, 188; Tennessee, III, 252, 256, 276, 277; varieties, 303; article of trade, VII, 161, IX, 135, XIII, 300; markets for, III, 123, 266, IV, 97, 349, XIX, 122, 125; cargoes, VIII, 329, 339; exported, IV, 368, IX, 266, XIX, 131; trade reports, XXVI, 10; value and prices, III, 252, 278, 303, IV, 307, 357, VII, 199, IX, 135, XI, 80, XIII, 102, 107, 142, 281, 300, 309; manufacture, III, 248, 278, IV, 112, 246, V, 285, 297, VI, 40, XI, 54, 229, XIX, 339, XX, 169 (see also Trades); cloth trade, XI, 46, XIX, 256, 257, 342, XXVIII, 61, XXIX, 60; customs, XIX, 255; seed, uses, XI, 228, XIII, 302; machines, IV, 267, 325; gin, III, 298, IV, 154, 311, V, 265, 266, VIII, 326, XIII, 107.
- Cottonwood (*populus*) trees, observed, III, 75, 77, 176, V, 193, X, 306, XIII, 104, 110, 197, XV, 186, 306, XVI, 26, 36, 176, 229, 242, 252, XVIII, 101, 103, 193, 334, XXI, 180, 197, 210, XXII,

## COTTONWOOD TREES (continued)—

- 368, XXVI, 294, XXVIII, 58, 77, 102, 104, 207, 208, 216, 238, 239, 281, 284, 285, 377, XXX, 46, 65, 73, 75, 79, 80, 102, 205, 206, 231, 292; habitat, IV, 301, 302, V, 150, VI, 34, 38, 44, 52, 53, 67, 70, 76, 79, 81, 84, 86, 90, 102, 108, 110, 147, XIV, 68, 74, 85, 90, 125, 128, 173, 213, XV, 170, 230, 236, XVI, 54, 63, 66, 69, 168, 177, 239, XVIII, 42, 43, 86, XIX, 298, XX, 156, 218, 254, 256, XXVII, 257; rapid growth, XIV, 69, 125; size, V, 42, 43, 55, VI, 36, XIII, 104, XIV, 136, XV, 261, XVI, 92, 160, 178, XVIII, 39, XXVI, 111, XXVII, 71, 93; numbers, XIV, 144, 145, XV, 170, 182, 252, XVI, 125; abundant, XIV, 160, XVI, 31, 174, 180, 189, 214, 249, XVII, 31, 63, 75, 115, 116, 123, 137, 139, 143, XIX, 208, 209, 282, XXIII, 209, XXVI, 234, XXVII, 334, 360, XXIX, 14, 350, XXX, 111; scarce, XVI, 57, XXVIII, 185; cultivated, XXII, 209; decayed, XXVIII, 79, 310; varieties, *angulata*, XIII, 273, 297, XVI, 177, XIX, 298, XX, 335; *angulisans*, XIII, 90, 139; *angulosa*, V, 42, 175, 255; *angustifolia*, XV, 276, XIX, 298, XXX, 102; *monilifera*, VIII, 314, XIII, 272; long-leaved, XV, 276; smooth-barked, XIII, 233, XV, 276; uses, fodder, V, 175, VI, 124, XIV, 241, XV, 45, 216, 300, XVIII, 96, XX, 335; fuel, XIV, 172; for wheels, XIX, 337.
- Coues, Elliott, editor, VI, 356, XIX, 166; ornithologist, XXIV, 320; *Journal of Fowler*, XIX, 177; *Henry-Thompson*, II, 137, V, 156, 163, VI, 243, 298, 348, 352, 353, 382, 397, VII, 10, XVIII, 140, XXII, 375, XXIX, 30, 195; *Lewis and Clark*, V, 37, XXII, 334, 369, XXIII, 61, 66; *Larpenteur*, V, 76, VI, 33, XXI, 197, XXII, 34, 286, 314, 336, 339, 374, XXIII, 21, 38, 91, 132, 151, 189, 198, XXIV, 12, 35, XXIX, 242, 359, 363, 368; *Zebulon Pike*, XIII, 251, 272, XV, 14, 144, XVI, 20, 32, 34, XVIII, 75, 85, XIX, 175, XX, 166, 251, XXVIII, 116, 193, 221; *Spanish Pioneer*, 224, 261.
- Cougars. See Panthers.
- Coulter, John, mill-owner, IV, 101.
- Council Bluffs, Indian rendezvous, XV, 216, XVII, 151, 152, XXII, 260, XXIV, 82; origin of name, VI, 78; natural features, XIV, 215, 250, XV, 200, XVII, 221; as boundary, XV, 186, XVII, 105, 120, 122, XVIII, 348, XXII, 243, 381; Indians near, XIV, 266, XV, 132, 192, XVII, 150, 158; council at, XIV, 266; posts near, V, 106, XIV, 221, XXII, 253, 272, XXIII, 224; agency, 218; explorers at, XVIII, 329; fur-traders, XIV, 269, XV, 96; troops, XIV, 228, XV, 100, XXII, 255; Brackenridge, VI, 78; *Lewis and Clark*, V, 74; Long's expedition, XIV, 12, 13, 209, 221, XV, 99, 165, 166, 179, 182, 185, XVI, 147, 148, XVII, 95, 96, 101, 256; O'Fallon, XII, 49, XIV, 314; Pattie, XVIII, 38, 39; Pratte, 42.
- Council Bluffs (Iowa), VI, 78, XXII, 275, XXVI, 15, XXVII, 175; emigrant station, XXX, 261; military post, XIV, 10; Indians at, XXVII, 153, XXIX, 373; agent, 370; first white woman, XIV, 280; mission, XXVII, 154, 189, XXVIII, 18, XXIX, 371.
- Council Grove (Kans.), origin of name, XXVIII, 60; rendezvous, XIX, 193, 196-198, XX, 93, 115, XXVIII, 57; Gregg's caravan at, XIX, 198, 201-203; Farnham's, XXVIII, 58, 60, 63, 64, 69, 72; natural features, XIX, 205, XX, 283, XXVIII, 63; population, XIX, 198.
- Council Grove (N. Y.), Indians visit, XXIV, 183.
- County commissioners, election of, X, 322, 323.
- Coupé Indians, Kalapuya tribe, habitat, VII, 230.
- Coupé à Jacques, Brackenridge at, VI, 81.
- Coupé à L' Oiselle, Brackenridge at, VI, 81.
- Coureurs de bois, II, 15, XXIII, 256, XXVI, 279, XXVII, 43, 59; in Illinois, III, 69, 71, XXVI, 133, XXVII, 118.

Court-houses, in Middle West, XXVII, 33; Canada, IX, 326; Illinois, XXII, 202, XXVI, 69, 77, 134, 197, 243, 248, 300, 306, 319, 352, 364, XXVII, 33, 104; Indiana, XI, 208, XII, 289, XXII, 199, XXIV, 137; Kentucky, IV, 148, 171, 176, 192, 198, 199, 260, IX, 148, X, 252, XI, 188, XII, 221, 222, XIX, 37, 40, 101; Mississippi, IV, 316, 322, 349, VIII, 319; Missouri, XIV, 148, XXIV, 123, XXVI, 151, 164; New York, XXIV, 180; North Carolina, III, 46, 100; Ohio, IV, 107, 123, 127, 161, 204, 216, 217, 222, 233, IX, 113, 118, 239, 305, X, 227, 230, XIX, 35, 85, XXIV, 149; Pennsylvania, III, 142, 143, 321, 347, 364, 368, 370, IV, 31, 40, 48, 65, 68, 73, 239, 249, 254, XII, 22, 181, 276, XXII, 89, 111, 127; Tennessee, III, 46, 57, 58, 98; Virginia, 46-48, IV, 108, 109; West Virginia, III, 335, IV, 113, 142, V, 277, IX, 103. See also Courts, and Crime.

Courtney, —, in Illinois, XI, 144.

Courts, primitive justice, IV, 202, 287, X, 46, XI, 246, 287, 293; character, VIII, 122, 353, IX, 45, XI, 96, 97, 99, 227, 287, 294, 304, XII, 57, 152, 232; powers, IX, 213; popularity, VIII, 129, 130, XXVII, 79; amount of litigation, IV, 63, 136, IX, 277, X, 317, XI, 102, 291, XII, 61; kinds of suits, III, 185, IV, 136, VIII, 283, 344, IX, 179, 185, XXVII, 79-81; methods, IV, 202, VIII, 344, 345, IX, 10, 45, XI, 96-98, XII, 11, 61, 166, 198, 303, XX, 28, 29; oaths, XXVII, 79; juries, XI, 88, 98, 304, XII, 26, 72, XXVII, 57, XXX, 320; evidence, IX, 141, XI, 196, 282; bail, V, 289, XI, 222, XII, 301; fees, XVIII, 352; fines, XI, 294, XVIII, 352; certificates, IX, 231; offer rewards, XI, 258; records of, VIII, 344; jurisdiction, XXIX, 24, 61, XXX, 214, 300; appeals, XVIII, 352, XXVII, 56; types, assize, XI, 174, XII, 303; chancery, XXVI, 203; circuit, IX, 231, 253, 276-278, X, 355, XI, 280, 294, XII, 11, 43, XXVI, 31; county, X, 346; common pleas, IV, 281, 282, IX, 240, XI, 97, XXVI, 165; federal, IX, 209, 240; martial, XI, 82, XII, 70, XIII, 295; probate, XI, 209; quarter-sessions, XVIII, 31; supreme, IX, 151, 223, 294, XI, 59, 175, 223, XII, 43, 78, XXX, 214, 305; Spanish, XVIII, 351, 352; in Arkansas, XIII, 292; Illinois, XXVII, 53, 71, 78-81; Indiana, XII, 11; Kentucky, IV, 158; Mexico, XVIII, 279, 352, XX, 22, 28; Missouri, IV, 281, 282; Montreal, IX, 327; New England, VIII, 344; New York, XI, 159, XXIV, 181; Ohio, IV, 143, XIX, 78; Oregon, XX, 24, XXIX, 22, 30, 305; Pennsylvania, IX, 55; South Carolina, XI, 71; Tennessee, III, 259. See also Court-houses, and Crime.

Coutoun Indians. See Kutenai.

Couture, —, on Arkansas River, IV, 298.

Cove Creek (Ark.), site, XVII, 56.

Covenanters, Presbyterian sect, IV, 84, 254.

Coventry (Conn.), Dow in, IX, 156.

Coventry (Ky.), location, VIII, 281.

Covington, Gen. Leonard, town named for, X, 237.

Covington (Ky.), location, X, 238, XIX, 134, 138; Bullock in, XXIV, 144; Ogden, XIX, 37; Woods, X, 237, 238.

Cowan family, in Kentucky, XI, 182, 184, XII, 14.

Cow-bird (*fringilla pecora, emberiza*), observed by Long, XV, 321.

Cowdery, Oliver, founds Mormon settlement, XXVI, 358.

Cowera Indians, fear whites, XVIII, 136.

Coweta, Natchez chief, XIII, 303, 352.

Coweta, Creek village, II, 43.

Cowichan (Kawitskin) Indians, bands, XXIX, 149, 150; mission to, 150, 151; agency, 149.

- Cowie, R., trader, XXI, 369.
- Cowley County (Kans.), XVI, 246.
- Cowling, —, English emigrant, XI, 268.
- Cowlitz Indians, VI, 245, XXVII, 387, XXIX, 99.
- Cowlitz County (Wash.), VI, 244, 246, 247, XXX, 206.
- Cowlitz settlement, XXVII, 386, XXIX, 95, 120; farming, 96, 121; church, 126, 181.
- Cowslips, X, 302, XXVI, 286.
- Cox, —, Hawaiian, VII, 126, 200.
- Cox, David, in North Carolina, III, 99.
- Cox, E. T., *Archæology*, XXIV, 139.
- Cox, John Redman, physician, IX, 182.
- Cox, Ross, in Astoria, VI, 276; Clarke's brigade, 277, VII, 208, 209; joins North West Company, 264; return journey, VI, 357, 361, 379; among Okinagan, VII, 310; accident, 240; on Otta-wa, VI, 267; esteems bighorns, XXIII, 69; nickname, VI, 276, VII, 209; *Adventures on Colum-bia*, VI, 346, 357, VII, 9, XXII, 378, XXIII, 28, 152, 387, XXIV, 228, 233, XXVII, 174, 307; sketch, VI, 276.
- Coxe, Daniel, founds settlement, XIV, 83; *Carolana*, XV, 169.
- Coxe, Dr. John R., lecturer, XII, 315.
- Coyote. See Wolves: Prairie.
- Coyoteros Indians, origin of name, XX, 75.
- Crab-apple trees, X, 306, XXVI, 162; habitat, VI, 321, VIII, 299; abundant, XXVI, 183, 190, XXVII, 69, XXVIII, 155, XXIX, 51; cider from, IX, 254.
- Crab Orchard (Ky.), frontier outpost, III, 45, 51, 225, XXVI, 215.
- Crabs, X, 183, 185, XXIX, 93; fossils, XXIII, 243; horse-shoe (*himulus polyphemus*), XV, 233.
- Cradle-scythe, IX, 40, 123, 124, XXX, 188; illustration, IX, 125.
- Craft, Samuel, III, 167, 168, 188.
- Craig, —, Pennsylvania tavern-keeper, XXII, 126.
- Craig, Maj. Isaac, of Pittsburgh, III, 162, IV, 96.
- Craig, Neville B., edits Washington's *Journal*, I, 73; *Pittsburgh*, XIX, 28; *Olden Time*, I, 52, 58, 182, 183.
- Craig, Oscar J., *Ouïatonon*, I, 118.
- Craig, Thomas E., in War of 1812-15, XXVI, 133.
- Craig, William, railroad charter, XXVI, 297.
- Craig, William, Oregon pioneer, XXVIII, 229, 235, XXX, 222, 240.
- Craig (Colo.), site, XXVIII, 239.
- Craighead, James, college president, III, 251.
- Craighead, Thomas, Tennessee pioneer, III, 62.
- Craikie, —, guide, XXVIII, 351.
- Cramer, Zadok, annotates Cuming's *Tour*, IV, 13, 28, 32, 34, 43, 44, 48, 51, 53, 65-67, 70, 76, 81, 82, 84, 85, 87, 89-92, 98, 102, 103, 107, 109, 110, 122, 137, 138, 151, 152, 171, 224, 226, 244, 247, 250, 251, 255, 331, 339; *Navigator*, 13, 88, 92, 280, 283, 288, 291, 295, 304, XIV, 66.

- Cranberries, habitat, II, 113, 147, 175, XXX, 194; abundant, VI, 321; high-bush, XXIII, 353, XXIX, 51; as food, XXI, 363.
- Cranes, observed by Maximilian, XXII, 265; abundant, XVI, 169, XIX, 328, XXIII, 177, 187, 199, XXIV, 86, XXIX, 206; habitat, IV, 290, VI, 323, XXIII, 234, XXVII, 334, XXIX, 51; migration, XIV, 285, XV, 328, XXII, 196; bones as amulet, XXIII, 293; feathers as fans, XXII, 68; blue, XVIII, 201; whooping (*grus* or *ardea americanus*), XV, 137, 322, 327, XXI, 201, XXIII, 183; sandhill (*canadensis*), XIV, 163, XV, 137, 138, 322, 327, XVII, 90, 147, XX, 282, XXI, 125, 157, XXII, 247; white (*egretta*), XV, 117, XVI, 254, XX, 282, XXIV, 85.
- Cratægus*, described, XIV, 156, XXIV, 107.
- Crawfish (*astacus fluviatilis*), VIII, 349, XI, 265, XXII, 171, XXVII, 262.
- Crawford, Capt. —, captures Ethan Allen, II, 53.
- Crawford, Col. —, in South Carolina, III, 54, 101.
- Crawford, Clarence Cory, assistant, XXII, 20, XXVI, 19.
- Crawford, Edward, in Pennsylvania, IV, 51.
- Crawford, Medorem, Oregon pioneer, XXX, 163, 172.
- Crawford, Col. William, surveyor and soldier, I, 128, III, 364, IV, 116, VIII, 199.
- Crawford, William H., secretary of treasury, XII, 103, 104, 132.
- Crawford County (Ill.), divided, X, 354.
- Crawford County (Ind.), XXII, 160; creek in, X, 248.
- Crawford County (Iowa), XIV, 221.
- Crawford County (Mo.), XX, 100.
- Crawford County (Pa.), III, 340.
- Crazy-deer-foot. See Echûelehadjó.
- Crébassa, John, at Fort de la Rivière, VI, 379.
- Cree (Christineaux, Killistnoe, Knisteneaux) Indians, stock, XX, 297; described, II, 120, 168, XXIII, 13, 14, XXVIII, 152; habitat, VI, 365, XXIII, 14, XXIX, 191, 250, 255; population, XXIII, 14, XXVIII, 152, XXIX, 236; language, VI, 251, 252, 382, XXIII, 14, 191, XXIX, 421; dialect, XXIV, 208, 209, 229; sign language, 301, 302; vocabulary, 229-232, XXIX, 423; manners and customs, XXII, 390, 392, XXIII, 14, 190, 192, XXIX, 365, 373; relations with Blackfeet, XXIII, 100, 147, XXIX, 242, 359; Minitaree, XXIII, 384; with whites, 14, 22, 23, XXIX, 245; intermarriage and half-breeds, XXIII, 151, 190, XXIX, 18, 244; trade among, II, 168, 169, XXIII, 227, XXIV, 49; at trading-posts, VI, 370, XXIII, 200; mission, XXVII, 358, 359, XXIX, 235-238; portrait, XXV, 22; sketch, II, 168.
- Creek (Muscohge, Muskoghe, Muskogolgee, Muskogee, Musgogi) Indians, stock, XX, 297; tribes, XVII, 70, XXVIII, 129; described, XIX, 67, XX, 315-317; habitat, II, 43, III, 39, VIII, 312, XX, 106, 136, XXII, 127; boundaries, XX, 102, 107, XXVIII, 126, 128; migration, XIII, 305, XX, 299-301, XXVIII, 128; population, XX, 317, XXVIII, 121; characteristics, VIII, 313, 321, XIII, 120; language and religion, 340, 347; agriculture, XX, 304, XXIII, 376, XXVIII, 129; customs, XIII, 125, 190, 350, XX, 290, 295; government and ranks, III, 263, XIII, 247, 248, XX, 297, 315, XXVIII, 129, 130; punishments, XIII, 363, XX, 310, 311, 343; slavery among, 303; disease, XXVIII, 128; intertribal relations, XIII, 179, 248, 252, XX, 108, 317, XXVIII, 130; with whites, III, 39, 89, XX, 104, 246, XXVIII, 129, 130; in War of 1812-15, XIII, 303; incident, II, 108, 109.



## CREEKS (see also Rivers)—

- Alexander, Cuming on, IV, 336.
- Allmand, unidentified, XIII, 195.
- Alpowa (Alapausawi), sketch, XXX, 290.
- Anderson's, sketch, X, 248.
- Apple (Shepherd), Missouri tributary, VI, 164; mouth, XVII, 40, XXII, 340; direction, 340; drainage, XXVI, 300; Indians on, XIV, 95, XVII, 40; trading-post near, XXIV, 85.
- Arrow Rock, VI, 48.
- Ash, location, XVI, 228, XXX, 54; tributary of North Platte River, XXI, 173; trail, 52, XXVII, 212; distance from Independence (Mo.), XIX, 211; Bell on, XVI, 228; Gregg, XIX, 211, 213; Farnham, XXVIII, 78; camping site, XX, 93.
- Ashtabula, Croghan on, I, 105.
- Aubuchon, formerly St. Philippe, XXVII, 69.
- Aughwick, Croghan on, I, 49, 82; Half-King, 74; Scarroyahy, 28; Weiser, 22; frontier fort on, 83.
- Au Vase (now Auxvasse), sketch, XXII, 242.
- Bacon, A. Michaux on, III, 88, 92.
- Baker's, location, VIII, 262.
- Bald Eagle, Post on, I, 190.
- Barrel, Palmer's party on, XXX, 97.
- Bazile (Basil, White Paint), mouth, XXII, 285; width, VI, 166; Indians on, XXII, 290; sketch, 285.
- Bear (Loose), location, XIV, 137, XV, 282; described, XVII, 38; Long on, XIV, 137; Maximilian, XXII, 109; Pattie, XVIII, 108.
- Beargrass, VIII, 278; settlements on, XXVI, 48; Cuming, IV, 258, 259; Woods, X, 243; sketch, XXVI, 48.
- Beaver (Colo.), called Castle Rock, XVI, 44.
- Beaver (Nebr.), Arikara on, XV, 141; described, 141, 201, XVIII, 52.
- Beaver (N. Dak.) (Rivière au Castor, Sand, Warraconne of Lewis and Clark), Maximilian on, XXII, 117, 337; described, XVII, 41. See also Rivers: Big Beaver.
- Beaver (N. Mex.), tributaries, XIX, 234.
- Beaver (Pa.), confluence with Ohio, IV, 99; Delawares on, I, 29, 80, 85, 168; Post, 249, 279, 281; Weiser, 26; described by Flint, IX, 95; sketch, 95.
- Beaver (S. Dak.) (Otter), now Swan Creek, XXII, 334.
- Beaver (Wyo.), location, XXVIII, 188.
- Beaver Dam. See Fall, below.
- Beauchamp, originally Grouse Creek, XXIII, 61.
- Bee, Palmer on, XXX, 44.
- Bell, Bradbury on, V, 81.
- Berger (Rivière à Berger), Maximilian on, XXIV, 123.
- Big (Ind.), Indians on, XXII, 177; Maximilian, 162; described by Maximilian, 199.
- Big (Mo.), branch of Grand River, XV, 180.
- Big Bay, Cuming on, IV, 274.

- Big Bayou Meto, tributary of Arkansas River, XIII, 128.
- Big Beaver, location, IV, 106, VIII, 258; as connecting link between Ocean and Great Lakes, IX, 96; Indians, IV, 99; Croghan on, I, 125, 127; Flint, IX, 93, 100.
- (Big) Beaver, location, XIV, 137; Bell on, XVI, 249.
- Big Blue, tributary, XXX, 44.
- Big Bone Lick, Cuming on, IV, 257; origin of name, 257.
- Big Dry, named by Lewis and Clark, XXIII, 185.
- Big Grave, location, I, 129, VIII, 262, XIII, 52; Indian mound on, XIX, 85, 86; in Revolution, IV, 117.
- Big Manito, sketch, XIV, 148.
- Big Muddy, location, XIV, 137.
- Big Pipestone, De Smet on, XXIX, 341.
- Big Sandy, location, XXII, 153; trail, XXVIII, 112; Nuttall on, XIII, 53, 58.
- Big Soldier, Palmer on, XXX, 39, 42; caravan, 11.
- Big Spring, described by Palmer, XXX, 62.
- Big Stone, Cuming on, IV, 155.
- Big Tarkio, mouth, XIV, 216.
- Big Tavern, location, VI, 43.
- Big Timber. See La Bonté, below.
- Big Vermillion, sketch, XXX, 44.
- Big Wheeling, III, 348; confluence with Ohio River, 350; road, IV, 236.
- Big Whitely, Ohio tributary, III, 336.
- Bijeu, Long on, XV, 274.
- Birch (*Rivière aux Bouleaux*), on Oregon trail, XXX, 281; described by Palmer, 101; course, 101; originally Thompson's Creek, XXIII, 69.
- Bird, confluence with Hominy Creek, XVI, 262.
- Bitter Apple, described, XVI, 253.
- Black, Maximilian on, XXII, 116.
- Black Bear, location, XVI, 157.
- Black Lick, in Pennsylvania, III, 340.
- Black Vermillion. See Big Vermillion, above.
- Blackbird, plants, V, 318; Bradbury on, 81-83.
- Blue, mouth, XXVII, 38.
- Blue Earth, Indians on, XV, 93; quality of soil, XIV, 210; described, 200.
- Blue Lick, salt springs on, IV, 165; Faux, XII, 15.
- Blue Waters. See Rivers: Big Blue.
- Bœuf, Bradbury on, V, 44.
- Boiling Spring (*La Rivière de la Fontaine qui Boille, Fontaine qui Bouit, Fountain*), confluence with Monument Creek, XVI, 25, 32; mouth, XXVIII, 186; tributaries, XV, 305; sandstone on, XVI, 67; Long, XV, 314, XVI, 25, 30; railroad, 24; on Long's map, 26; trigonometrical observations, XVII, 257; sketch, XVI, 25, 26, XXVIII, 186.

## CREEKS (continued)—

Bonpas. See Rivers: Bonpas.

Bowyer (River Boyer, Roger), location, XXVII, 227; topography, XV, 138; boundary, 135, XXII, 268, XXIV, 315; mouth, XXII, 275; ice on, XIV, 277; animals, XV, 237, 279, XXIV, 106; hunting, XIV, 284; explorations, XV, 136, 137; Iowa chief on, XIV, 266; Hunt, VI, 73; Long, XIV, 221, XV, 136-139, 188; McClellan's post, VI, 78; astronomical observations, XVII, 262; described, XV, 138.

Brandywine, east branch, IV, 29; west branch, 29, 30; flour mills on, 30; powder mill, XII, 68.

Breechcloth (Sioux, *Tschekke-na-ka-oah-ta-pah*), described by Maximilian, XXII, 332; Lewis and Clark name "No Timber," 332.

Bridge, caravan camping site, XX, 93.

Brookes, Ohio tributary, IV, 168.

Brown's Run, Ohio tributary, III, 336.

Brush (Ohio), IV, 166, 205, 207, 210; settlement, III, 35; road, IV, 203.

Buck, Cuming on, IV, 261.

Buck, location, XVI, 254.

Buck Run, Post on, I, 248.

Buckskin, mill stream, IV, 212.

Buffalo (Mo.) (*Rivière au Bœuf*), mouth, XVIII, 37, XXII, 240; described, XVII, 59.

Buffalo (Pa.), location, I, 129, III, 340, IV, 110, VIII, 246; Seneca on, 183, 184; settlement, 42; ferry, IV, 346; toll bridge, 327; Croghan on, I, 129; Cuming, IV, 345; Evans, VIII, 181; Harris, III, 365; A. Michaux, 33.

Bull, mouth, XXIII, 69; sketch, 70.

Bullskin, Logan on, III, 40.

Bush, Woods on, X, 231.

Butterfly. See Papillon, below.

Cabin, IV, 167; fossils on, V, 279.

Caddo. See Rivers: Cadeau.

Cadron, sources, XVII, 125; geological formation, XIII, 287; surveyed, 165; settlement, 156, 168.

Cahokia, IX, 186, XIX, 60; tributaries, XXVI, 184; Indian mounds on, 189; Maximilian, XXIV, 129; described by Flagg, XXVI, 181; Maximilian, XXIV, 126; sketch, 126.

Cajou, Nuttall on, XIII, 229.

Camp, Palmer on, XXX, 137, 140.

Campbell (S. Dak.), course, XXII, 312.

Campbell (W. Va.), salt licks on, X, 226.

Canadaway, mouth, XXIV, 161.

Cane (Mo.), location, XVII, 37.

Cane (N. C.), A. Michaux on, III, 99.

Cannon Ball, unidentified, XV, 282; geological formation, 285; vegetation on, 281; Peale and James, 279; described, 279, 280.

Canteen, mounds on, XXVI, 184; location, 184; described by Flagg, 190.

Captina, confluence with Ohio River, IV, 117.

- Cassetête, Nuttall on, XIII, 194.
- Cassia, on Oregon trail, XXX, 90, 247, 280; sketch, 90, 91.
- Castle Rock, Long on, XVI, 44.
- Castleman's, branch of Youghiogheny River, X, 211.
- Castor, described, XVII, 38.
- Cat's Run, III, 337.
- Catskill, course, XXIV, 190.
- Cattaraugus, Seneca on, VIII, 184, 186.
- Cavaniol, location, XIII, 209.
- Cedar (Mo.), width, VI, 164; Round Grove on, XIX, 193.
- Cedar (Nebr.), location, XV, 142, 203.
- Cedar (Pa.), Maximilian on, XXII, 128.
- Chamokane (Tskimakain), mouth, XXVII, 367.
- Chantier, origin of name, XXII, 332.
- Chaquaquua, described, XVI, 68-72.
- Charbonniere, origin of name, XIII, 194; described by Nuttall, 193.
- Charles, width, VI, 164.
- Chartier (Chattier, Shirtee). See Rivers: Chartier.
- Cherry (Batsoah), source, XV, 260; Long on, 279; described by Maximilian, XXII, 95, 97; sketch, XV, 260.
- Chest, Weiser on, I, 44.
- Cheyenne, Long on, XV, 309, 314.
- Chiques, location, I, 90.
- Chisholm, Bell on, XVI, 240.
- Chittenango, Maximilian on, XXIV, 182.
- Chowatin, Post on, I, 229.
- Clear, location, XIV, 166, XV, 282.
- Clearfield, Weiser on, I, 23.
- Clearwater, mission on, XXVIII, 338.
- Clover, Woods on, X, 247.
- Codorus, III, 369.
- Cold, Venice on, VIII, 78.
- Cold Spring, Palmer on, XXX, 96.
- Coldwater, location, XIV, 124; described by Flagg, XXVI, 260.
- Coles, floods in, IV, 316; Cuming on, 8, 315, 317; described, 315; settlements on, 8.
- Conestoga, Indians on, IV, 43; Cuming at, 30; stone bridge over, 33; poorhouse on, 31; described, 30.
- Coney (Conoy), Indians on, I, 90.
- Conneaut (Siney Sipey), Croghan on, I, 103, 106.
- Connequenessing (Conaquenessing), bridge, V, 315; Post on, I, 193, 248; Rapp, X, 54; significance of name, I, 248.

## CREEKS (continued)—

- Conewago (Connewago), Cumming on, IV, 35; Conoys, I, 90.  
Conoconecq, Cumming on, IV, 163.  
Conococheague (Conegochege, Conogochague), mill stream, IV, 55; Cresap on, I, 83, 95; Harris, III, 368; Post, I, 238.  
Conodogwinnet, III, 320; described, IV, 53, 54; A. Michaux on, III, 54.  
Coon, caravan camping site on, XX, 93.  
Copperas (Seseme Quain), location, X, 269.  
Cottonwood, caravan camping site, XX, 93; freebooters on, XXVI, 149, 150; Farnham, XXVIII, 68; Palmer, XXX, 62.  
Council, sketch, XV, 203.  
Council Grove, size, XIX, 204; timber on, 196.  
Cove, tributary of Washita, described, XVII, 56, 57.  
Cow, island near, XXIII, 64; drainage, 66; caravan camping site, XX, 93; Gregg's caravan, XIX, 207; described, XVI, 237; sketch, 237.  
Cranberry, Croghan on, I, 110.  
Crooked, tributary of Ohio, IV, 167, VIII, 246; Cumming on, I, 104, IV, 265.  
Crooked (Migne River), location, X, 269.  
Crooked (Tortue River), location, XIX, 55; described, XXIII, 194.  
Crooked Tail, Farnham on, XXVIII, 211.  
Cross, IV, 108.  
Croswick, park on, XXII, 67.  
Crow, course, XXII, 312; Indian reservation on, V, 110.  
Crow, trail, XXX, 77.  
Croxtton's Run, mills on, IV, 104.  
Cura, originally Bayou Curae, XVII, 34.  
Currampaw, formerly McNees Creek, XIX, 234.  
Dairy, settlements on, XXX, 168.  
Dardenne, road, XXVI, 278; Say on, XIV, 129; James, XV, 172, 173; sketch, XIV, 129.  
Deer, branch of Missouri, XIV, 137, XV, 282, XXII, 341.  
Deer (Ohio), bridge, XIX, 133; mills on, 36; Cumming, IV, 265.  
Deer, on Oregon trail, XXX, 278; Palmer on, 249; described, 65; sketch, 65.  
Defile (now Plum), described, XV, 285; tributaries, 300; valley, 299; beaver dams, 300; Long on, 299-301, 305.  
Demun's, now Pawnee River, XVI, 227.  
Doe, Long and James on, XV, 179; sketch, 180.  
Doe (Ind.), Woods on, X, 245, 247.  
Doe Run, settlement on, IV, 261.  
Dog, location, XXIII, 70.  
Dolpahaga, Maximilian on, XXII, 131.  
Donaldson, Ohio tributary, IV, 166.



- Dosa, settlements on, XXVII, 112.
- Drake's, A. Michaux on, III, 64.
- Dry (Rosebud), originally Shannon Creek, XXII, 302; as a boundary, 305.
- Dry Branch. See Willow, below.
- Dry Sandy, Palmer on, XXX, 72.
- Dunkard's, III, 336; John Baker at, IV, 117.
- Dunlap, III, 337.
- Eagle, described, XXIII, 82.
- Eddy Point (Point Remove), as a boundary, XVII, 25; mouth, 128; sources, 125.
- Eighteen Mile, location, VIII, 186; confluence with Ohio, IV, 150.
- Elk Head, confluence with Little Bear River, XXVIII, 238, 239.
- Elk Horn. See Rivers: Elkhorn.
- Elk Prairie, drainage, XXIII, 186.
- Emanuel (Rivière à Manuel), origin of name, XXII, 290; Indians on, 24, 99; trading-post, 137, XXIII, 217; Maximilian on, XXIV, 98.
- Fall (Levy, Beaver-dam), described by Palmer, XXX, 90, 280; sketch, 90.
- Fat Meat, Croghan on, I, 129, 130.
- Federal, Cuming on, IV, 150.
- Femme Osage, mill on, XXVI, 269; plantations, VI, 36.
- Fevre (Fourche la Favre, Fave), location, XIII, 144; source, XVII, 51; course, XIII, 167; valley, 155; Nuttall on, 156; described, 287, XVII, 124.
- Field's, origin of name, XIII, 212; location, XXVIII, 189.
- Fife-Barrel, Maximilian on, XXIV, 108.
- Fire Prairie, origin of name, XIV, 165; width, VI, 164; sketch, XIV, 166.
- Fish, location, VIII, 262; Indian trace, III, 350; early history, IV, 118, 120; thermometrical observations, III, 376; Harris on, 372.
- Fishing (Mo.), location, XIV, 166.
- Fishing, location, I, 129, IV, 120, VIII, 262; confluence with Ohio River, XXII, 147; mouth, 18, XXIV, 121; sketch, XXII, 248.
- Flinn's, A. Michaux on, III, 95, 96.
- Fortification, as a boundary, XXVIII, 244.
- Fountain (Ind.), hot springs on, XIV, 73.
- Fountain. See Boiling Spring, above.
- Four Mile, union with Bayou Menard, XVI, 285.
- Fourche Amère (bitter fork), named by Frémont, XXX, 62; now Cottonwood, 62.
- Fourteen-Mile, described by Flint, IX, 279.
- Fourth of July, named by Lewis and Clark, XIV, 179.
- French, Allegheny tributary, III, 162, 339, 340, IV, 92, VIII, 244, 258; size, 244; direction, 155; falls, 246; forests on, XIV, 56; trout in, IV, 92; villages on, VIII, 246; forts, I, 102, VIII, 246; navigation, 245, 246; Croghan, I, 102.
- Frogs, sources, XVII, 125.

## CREEKS (continued)—

- Frozenman's, mouth, XXIV, 45.  
 Full. See Wahrengeho, below.  
 Gabaree, settlement on, XIV, 98; Bradbury, V, 199.  
 George, Ohio tributary, III, 336.  
 Gates's, Nuttall on, XIII, 217, 221.  
 Gichawaga. See Rivers: Cuyahoga.  
 Goat Pen (Upper Knife River), identification, XXII, 369. See also Rivers: White Earth.  
 Godin's, origin of name, XXI, 234; now Lost River, 231; Wyeth's expedition on, 235, 237.  
 Gonneville (Pumpkinseed), origin of name, XXX, 55.  
 Goose, on Oregon trail, XXX, 280; Palmer's party on, 91; sketch, 91.  
 Grand Camp, XV, 285; origin of name, XVII, 156; source, XV, 282; Indians on, 282.  
 Grand Pierre, limestone on, XVII, 92, 233; described, 92.  
 Grand Saline (Nesubetonga), Bell on, XVI, 251.  
 Grape, unidentified, XV, 282; mouth, 285; Long on, 201; described, 201.  
 Grasshopper, sketch, XIV, 210.  
 Grave, Indian mounds on, III, 349, 360, IV, 217, VIII, 262, XIX, 32; thermometrical observations on, III, 379; Harris, 360, 372; sketch, VIII, 262, IX, 100.  
 Gray Horse, location, XVI, 254.  
 Great Chenal au Barre, described, XIV, 165.  
 Green Horn, described, XVI, 52.  
 Grouse, described, XVI, 246, XXIII, 61.  
 Gruitch (Grautch), also called Greenleaf Bayou, XVI, 285.  
 Gypsum, Gregg on, XX, 117.  
 Hamilton, width, VI, 164.  
 Hanging Rock, Michaux on, III, 54.  
 Hangman's, Indian reservation on, XXVII, 365.  
 Hay Cabin. See Rivers: Little Blue.  
 Hickman's, in Kentucky, III, 43.  
 Highland (River Owl), situation, IV, 269; identified, I, 137.  
 Hinkston, John Miller on, III, 198.  
 Hominy, Bell on, XVI, 262.  
 Horse, on Oregon trail, XXVIII, 113, XXX, 278.  
 Horseshoe, described by Palmer, XXX, 62; location, 62, 278.  
 Hot Springs, tributary of Washita River, XVII, 53; elevation, 228; Farnham on, XXVIII, 314; described, 46, 49, 50.  
 Humphrey's, canal to Ohio River, XXVI, 81.  
 Hunting, unidentified, XXII, 341.  
 Hurricane, sketch, XXVI, 246.  
 Illinois, location, XVII, 18; sources, 125; tributaries, XVI, 286; Indians on, XIV, 17, XVII, 23; Long, 25; Webber, 18.

- Independence, branch of Missouri, VI, 165; as a boundary, XV, 135, XXII, 256; mouth, 256; sketch, XIV, 179, XXII, 256.
- Indian (Ind.), Corydon on, IX, 280.
- Indian (Ohio), canal near, XXIV, 147; sketch, 148.
- Indian (Pa.), Cuming on, IV, 73, 261.
- Indian Fort, described by Maximilian, XXIII, 35.
- Indian Guiandot, IV, 153.
- Indian Short, IV, 111.
- Indian Wheeling, IV, 112-114.
- Iowa, sketch, XXII, 280.
- Irondequoit, sketch, XXIV, 178.
- Isaac, Ohio tributary, IV, 167, 168.
- Jack's, branch of Kiamichi River, XIII, 225.
- James, turkeys on, XXII, 133.
- James' Fork, Nuttall on, XIII, 207.
- Joachim, mouth, XXII, 212, XXVI, 103.
- Jonathan, IV, 224.
- Kakusa, Maximilian on, XXII, 130.
- Kannuck. See Teapot, below.
- Kelly's, identified as Turkey Creek, XXVIII, 188.
- Kickapoo (Red Bud), sketch, XXVI, 136.
- Kishikokinas, Maximilian on, XXII, 133.
- Kiskiminitas (Kiskaminita), trail, I, 247, III, 153; Indians on, I, 246, 247; Weiser, 23, 44.
- La Bonté (Big Timber), XXX, 278, 280; sketch, 64; trail, 64.
- La petite Coquille. See Muscleshell, below.
- Laurel Hill, III, 333; bridge over, IV, 72.
- Lawyer's Canon, mission on, XXIX, 95.
- Lay, as a boundary, XXVIII, 244.
- Leading, IV, 140, 141.
- Le Bœuf, size, VIII, 244; direction, 245.
- Lee, Ohio tributary, IV, 131, 173.
- Lee's (Perpillon, "river au milieu," Ark.), course, XIII, 197, 201.
- Lemon's, Nuttall on, XIII, 221.
- Levy. See Fall, above.
- Lick, enters Allegheny River, VIII, 246; A. Michaux on, III, 98.
- Lick (Ind.), road, XXIV, 141.
- Licking, Zanesville on, X, 72; Hulme, 68; described, 41.
- Limestone, Ohio tributary, III, 99, IV, 168, VIII, 280, X, 232; Kenton on, III, 35.
- Lincoln, government post on, XXI, 210.
- Little, on Oregon trail, XXX, 278.

## CREEKS (continued)—

- Little Bay, IV, 274.
- Little Bayou Meto, location, XIII, 128.
- Little Beaver, mills on, IV, 101; toll-bridge, 101; manufactories, IX, 100; Croghan, I, 125; Half King, 127; described, IV, 101, 102.
- Little Blue. See Rivers: Little Blue.
- Little Bow, Indian village on, VI, 166.
- Little Chenal au Barre, location, XIV, 165.
- Little Chickey, Cuming at, IV, 34.
- Little Conemaugh, III, 340.
- Little Dry, named by Lewis and Clark, XXIII, 185.
- Little Grave, origin of name, XIX, 85; Cuming on, IV, 114, 117; sketch, XIII, 52.
- Little Piasa, bridge, XXVI, 119.
- Little Sandy, trail, XXVIII, 113; De Smet on, XXIX, 366; sketch, 366.
- Little Silver, sketch, XXVI, 251, 252.
- Little Sioux, width, VI, 165.
- Little Tarkio, mouth, XIV, 216.
- Little Toby, road, I, 191.
- Little Verdigris, described, XVI, 246, 247.
- Little Vermillion, Palmer on, XXX, 42; Wyeth's expedition, XXI, 149.
- Little Walnut, location, XVI, 229.
- Little Wheeling, III, 348; road, IV, 236.
- Little Whitely, Ohio tributary, III, 336.
- Logan's, location, XVII, 37.
- Looking Glass, origin of name, XV, 201.
- Loose. See Bear, above.
- Los, confluence with River Juniata, XXII, 132.
- Loughery, observed by Ogden, XIX, 67.
- Loutre, location, XIV, 133, 134, XV, 174, XXI, 129; confluence with Missouri, XIV, 136; geological formation, XV, 176; road, 177; Captain Calloway on, XIV, 133; described by James, XV, 174.
- Lower Vache Grasse, Long on, XVII, 14.
- Loyalhanna, in Pennsylvania, III, 148, 340, 341; road, I, 245, 247; Blackleg's Town on, 245; settlement, XXII, 138.
- Loyalsock, Madame Montour on, I, 189.
- Lusk, Golconda on, X, 327.
- Lute. See Rivers: Loutre.
- Lyons, battle at, IV, 277.
- McMahon's, flood on, IX, 106; Nuttall, XIII, 52.
- McNees, caravan camping site, XX, 93; traders on, XIX, 183; Gregg's caravan on, 233; sketch, 234.
- Macon (Mascoutins River), location, X, 270, XIX, 55.

- Macoupin, village on, XXVI, 225, 299; sketch, 226; derivation of name, 225.
- Mad Buffalo, Pratte on, XVIII, 41.
- Mahoning, Indians on, I, 26, 229, 249.
- Major Long's, length, XVI, 181; Long on, 85.
- Malheur. See Rivers: Malheur.
- Manuel's. See Emanuel, above.
- Maple, described, XVIII, 40, 41.
- Marble, on Oregon trail, XXX, 278.
- Marsh (Swamp), described by Palmer, XXX, 91.
- Martin's, Maximilian on, XXII, 91.
- Masserne, origin of name, XVII, 12; Long on, 12.
- Mast, sketch, XIV, 145.
- Mayfield, location, IV, 280.
- Mean, Maximilian on, XXII, 146.
- Medicine (Tyler's River), mouth, XXIX, 370; width, VI, 166; sketch, XXII, 313.
- Medicine Lodge, origin of name, XV, 282.
- Medicine Stone. See Rivers: Illinois.
- Meline, location, XIII, 209.
- Meridian, confluence with Ohio, IV, 150.
- Middle Island, confluence with Ohio, IV, 122.
- Middle Run, III, 337.
- Middle Vache Grasse, Long on, XVII, 14.
- Mike's Head (à la Prêle), location, XXX, 278; Palmer on, 249.
- Mill (La Petite Rivière), mills on, XIX, 36, 55; XXVI, 163; Nuttall on, XIII, 56.
- Mill (Oregon), mills on, XXX, 183.
- Miry, now Snake Creek, XXII, 365.
- Montbrun, tavern on, VI, 43.
- Moniteau, mouth, XXI, 133, XXIV, 122; originally Manito, XIV, 148.
- Monocasa, confluence with Lehigh River, XXII, 77; flowers, 78.
- Monument, confluence with Fountain Creek, XVI, 25; Long's expedition on, XV, 305; on Long's map, XVI, 26.
- Moreau. See Rivers: Moreau.
- Mosquito, width, VI, 165; Long and James on, XV, 188; De Smet, XXIX, 372.
- Mossy, forges on, III, 58.
- Mud, sketch, XXVI, 367.
- Muddy, affluent of Green River, XXI, 197; described, 197, 198, XXX, 75; sketch, 75.
- Muddy (Ohio), III, 337; union with Beargrass, XXVI, 48.
- Mudrun, described by Maximilian, XXII, 91.
- Mulberry, Nuttall on, XIII, 195, 196; sketch, 195.
- Murrow. See Rivers: Moreau.



## CREEKS (continued)—

- Muscleshell (La Petite Coquille), Long on, XV, 198; described, 199.
- Myatt's, described, XVII, 35.
- Nescopeck, size, XXII, 116.
- Neshanock, Old Kuskusking on, I, 249.
- Nesqually, mill on, XXX, 206.
- Nesuhetonga. See Grand Saline, above.
- Nine Mile (Mo.), location, XIV, 175.
- Nine Mile Run (Ohio), Post on, I, 244.
- "No Timber." See Breechcloth, above.
- Nolan, A. Michaux on, III, 92.
- Noosacheahn, as a boundary, VIII, 65.
- Oakley's, mouth, XXVIII, 188; identified, 189.
- Obrazo, Maximilian on, XXII, 209.
- Ocati (Ocaté), sketch, XX, 89.
- Oil, branch Allegheny River, IV, 102, XXI, 40.
- Oil (Ark.), Pike on, XVI, 34, XXVIII, 192.
- Oldtown, floating mill on, IV, 135; Cuming on, 139.
- Olean, mouth, XIV, 59.
- Omaha, Indians on, XIV, 288, 289, XVII, 151, 152; location, XIV, 289.
- Omai, now Omadi, Maximilian on, XXIV, 105.
- Onchuago (Fire), Croghan on, I, 106.
- One Hundred Ten Mile, caravan camping site, XX, 93, XXVIII, 56.
- Onondago, drainage, XXIV, 180.
- Oriskany, Oneida on, XXIV, 184.
- Ottawa, affluents, XIX, 195.
- Otter, sycamores on, XIV, 70; settlement, VIII, 209; Woods on, X, 245.
- Owl, described by Flint, IX, 306.
- Pacific Spring, location, XXX, 71.
- Paint, quality of soil on, IX, 126, X, 70; salt springs, XIV, 58; falls, XII, 16; Indian mounds, IX, 126, XIX, 84; road, IV, 203; canal, XXIV, 147; mill stream, IV, 212-214, 228; Flint on, IX, 118, 119; sketch, 118.
- Paper, location, III, 99.
- Papillon (Butterfly, Papilion), mouth, XXII, 265; width, VI, 165; plants on, V, 318, 319; Bradbury on, 72, 76; De Smet, XXIX, 372; described, XIV, 220, XV, 193, 194; sketch, V, 72. See also Lee's, above.
- Paquakonink, I, 249.
- Patterson's, sketch, X, 206, 207.
- Pawnee (Cherry), location, XV, 260.
- Pequea, confluence with Susquehanna, IV, 30; Indians on, XIII, 37.
- Perruque (Perogue), origin of name, XIV, 130.

- Peter's, fluat of lime on, XVII, 233; oolite, 233.
- Petit Arc, trading-post on, XXIV, 97.
- Piasa, derivation of name, XXVI, 122; legend of, 123, 124.
- Picket-wire. See Rivers: Purgatory.
- Pigeon (Pidgeon), Ohio tributary, I, 136; Bentleyville on, X, 216; Hulme, 45; Maximilian, XII, 161; described by Woods, X, 251.
- Pine, enters Allegheny River, VIII, 246.
- Pine, Arkansas tributary, sources, XVII, 125; location, XIII, 193; origin of name, 193; Nuttall, 193.
- Pine, tributary of Wabash River, XIX, 66.
- Pipes, Croghan on, I, 109.
- Pipestone, pipestone quarry on, XV, 122.
- Plattin (Platine, Platteen), location, XXVI, 104; rocks, XIV, 104; lead mines, XXVI, 104; Maximilian on, XXII, 212; sketch, 212.
- Plum, origin of name, XV, 203; originally Defile, 285; width, VI, 166.
- Point Remove. See Eddy Point, above.
- Poison Spider, spring near, XXX, 66.
- Pokonbochko, described by Maximilian, XXII, 98.
- Ponca (Punca, Punch River), as a boundary, XXVIII, 117; Missouri tributary, XXVII, 227; mouth, VI, 166; mouth, XXI, 50, XXII, 291; Indians on, 284; Maximilian, XXIV, 196; sketch XII, 291.
- Potera, described, XV, 274.
- Potts Run (Pa.), IV, 100.
- Prairie, confluence with Loutre Creek, XIV, 133.
- Prairie du Pont, settlement on, XIV, 102.
- Prairie du Rocher, legend of, XXVII, 71.
- Pumpkinseed. See Gonneville, above.
- Purgatory. See Rivers: Purgatory.
- Quackack, location, XXII, 117.
- Quadrant, origin of name, XIII, 286.
- Queenashawakee (Quenslehague), Post on, I, 189.
- Rabbit-ear, caravan camping site, XX, 93.
- Raccoon, location, VIII, 258; drainage, XXII, 153; stone quarries on, XIX, 77; Cuming, IV, 9; Maximilian, XXII, 153.
- Rampart (Maropa River, Owl), source, XXII, 335; sketch, V, 127.
- Rayston, III, 325.
- Red Bud. See Kickapoo, above.
- Red Rock, formerly Strong Saline Creek, XVI, 246; location, 157.
- Red Vermilion, location, XXI, 149.
- Red Water (Two Thousand Mile), location, XXIII, 33; mouth, 186.
- Redstone, III, 158, 337, 363; Trent on, I, 95.

## CREEKS (continued)—

- Redwood, tributary of Wabash, XIX, 66.
- Rekempalin (Pickings Run), Post on, I, 242.
- Richard's, tributary of Wabash River, XIX, 66.
- Rio de Las Animas (Purgatorio). See Rivers: Purgatory.
- Rivoux (Rivals), originally Revoe's, XIV, 137, 138.
- Rock (Idaho), valley, XXI, 197; crossing, XXX, 92; camping site, 93.
- Rock (N. Mex.), Gregg's caravan on, XIX, 248.
- Rock (Oregon), named by Palmer, XXX, 126; Palmer on, 127, 128.
- Rocky, Arkansas tributary, described by Nuttall, XIII, 194.
- Rocky, Missouri tributary, as a boundary, XXIII, 61.
- Rocky (N. C.), F. A. Michaux on, III, 284.
- Rocky, on Oregon trail, XXX, 280, 281.
- Rosebud. See Dry, above.
- Ross's, Wyeth on, XXI, 209, 212.
- Rumrun, coal mines on, XXII, 118.
- Running Branch, on Oregon trail, XXX, 280.
- Running-Water (Nebrara, Spreading Water). See Rivers: Niobrara.
- Rush, Maximilian on, XXII, 193, 198.
- Sackoma, Maximilian on, XXII, 129.
- Sacquit, cotton manufactories on, XXIV, 185.
- Saganna, Indians on, I, 168.
- St. Catherine's, baths on, IV, 319; Cuming, 347.
- St. Vrain's, mouth, XXVIII, 173; location, XV, 274; trading-post on, 275; Long, 279.
- Salaison (Salaiseau, Sallisaw). See Sallison, below.
- Saline (Miss.), Spanish grant on, XIV, 99; salt works, VIII, 283, XIX, 43.
- Saline (Mo.), site of St. Michael, XV, 175.
- Sallison (Sallisaw, Salaison, Salaiseau), Nuttall on, XIII, 231.
- Salmon (N. Y.), Long at, II, 215.
- Salmon Falls, Palmer at, XXX, 247; on Oregon trail, 281.
- Sambo, Nuttall on, XIII, 229.
- Sand, Cimarron River mistaken for, XIX, 224; location, 224; caravan camping site, XX, 93.
- Sand (Topofki), described, XVI, 166; traders on, XIX, 186.
- Sand. See Beaver, above.
- Sandy, enters Allegheny River, III, 341, VIII, 246; in French and Indian War, III, 49.
- Sandy (Ohio), location, XIX, 55. See also Weshawaucks, below.
- Sanpink, Howe on, IX, 52.
- Santa Fé, sources, XIX, 281; trout in, 282; described, 280.
- Sawmill, Cuming on, IV, 253.
- Second, in Mississippi, IV, 326, 327.

- Seseme Quain. See Copperas, above.
- Shade. See Rivers: Shade.
- Shell, Indians on, XV, 141.
- Shenango, Old Kuskusking on, I, 249.
- Shepherds. See Apple, above.
- Sherman, Weiser on, I, 22.
- Shoal, formerly Rocky, XIII, 194.
- Shonkin (Snow River), location, XXIII, 138.
- Short, Biggs on, III, 360.
- Short Indian, pioneers on, IX, 104.
- Short Mountain, originally Cassetête, XIII, 194; settlements on, XVII, 15; described, 15, 16.
- Silver (Ind.), hot springs at, XIV, 73; Natchez Indians on, XIII, 351.
- Silver (N. Y.), location, VIII, 186.
- Silver (Pa.), tributaries, XXVI, 252.
- Simaronec. See Rivers: Cimarron.
- Sinemahoning, Harris on, III, 338.
- Siney Sipey. See Conneaut, above.
- Sinking, Cuming on, IV, 264; Tipton, III, 57.
- Slate, mistaken by Bell, XVI, 246.
- Snake, origin of name, XXII, 365; sources, 365, 366; width, VI, 164.
- Sniabar, location, VI, 54.
- Soldier's, VI, 79; width, 165; mouth, XXII, 276, XXIV, 105; De Smet on, XXVII, 197, 228; sketch, 197.
- Solomon, described by Maximilian, XXII, 112, 113.
- Souls, described, XV, 203.
- South, union with Beargrass, XXVI, 48.
- Softshell Turtle, as a boundary, XXIII, 66, 69.
- Spadra, sources, XVII, 125; course, XIII, 194; Nuttall on, 194.
- Spaniards Wharf, described, XVI, 53.
- Splice (Spice), location, XIV, 147.
- Split Rock, width, VI, 164.
- Spring Branch, on Oregon trail, XXX, 77, 280; sketch, 55.
- Square Butte, origin of name, XXII, 340.
- Sticklodge, unidentified, XXIII, 50.
- Standing Stone, Weiser on, I, 22.
- Stone, direction, III, 340.
- Stone Idol, width, VI, 166.
- Stonewall, described by Maximilian, XXIII, 82, 171; now Eagle, 82.
- Stony (Rocky, Stoney), Stoystown (Pa.) on, IX, 78; Croghan, I, 103, 108; Evans, VIII, 187; Post, I, 242, 289.

## CREEKS (continued)—

- Stony Branch, Palmer's party on, XXX, 126.
- Strong Saline (now Red Rock), XVI, 157; mistaken for Slate Creek, 246.
- Sublette's, trail, XXX, 77.
- Sugar, mission on, XXIX, 234.
- Suke's Run, Thompson on, IV, 251.
- Sunfish, settlement on, XXII, 147.
- Swamp. See Marsh, above.
- Swan, confluence with Ohio, IV, 150; Rogers's expedition, I, 113.
- Swan (Mo.), location, XXII, 334.
- Swatara, Cuming at, IV, 35, 36.
- Sycamore, Ohio tributary, IV, 166.
- Symmes, mouth, XXII, 153; sketch, 154.
- Table, De Smet on, XXIX, 372.
- Tanner's, described by Ogden, XIX, 67.
- Tarkio, width, VI, 165.
- Teapot (Kannuck, Yellow), sketch, XXIII, 61.
- Ten Mile, gold mines on, XXVIII, 218.
- Ten-mile Run (Pa.), Harris on, III, 337; Maximilian, XXII, 109.
- Tezuque, sources, XIX, 281.
- Thompson's (La.), cliffs, XIII, 308; Cuming on, IV, 337, 344; sketch, XIII, 308.
- Thompson's (Mo.), location, XV, 274; as a boundary, XXIII, 69.
- Tiger, Missouri tributary, width, VI, 164.
- Tiger, Ohio tributary, IV, 159.
- Tillasqua, described by Palmer, XXX, 203, 204.
- Timpas, trail, XVI, 65; described, 62.
- Tippecanoe, Indians on, VIII, 286.
- Tobihanna, outlet, XXII, 104; bridge, 102; described by Maximilian, 103; meaning of name, 103.
- Toby's, enters Allegheny River, VIII, 246.
- Tomaha, aqueduct over, XXIV, 153.
- Tonawanda (Tonewanto), fish in, VIII, 153; road, XXIV, 164; sketch, VIII, 153, XXIV, 164.
- Toniata, location, II, 198; Long at, 213.
- Tonkhanna, outlet, XXII, 101, 104; described by Maximilian, 102.
- Topofki. See Sand, above.
- Trail (River Chemin), on Oregon trail, XIX, 67; Wyeth on, XXI, 244.
- Traveler's Rest (Lolo Fork), named by Lewis and Clark, XXVII, 332.
- Tekimakain. See Chamokane, above.
- Tulle, location, XXIII, 34.
- Turkey (Kans.), affluent of Little Arkansas, XXVIII, 78, 188, 189, XXX, 277; Farnham on, XXVIII, 70; Gregg, XIX, 205, XX, 93; Long, XVI, 32; sketch, XIX, 205.



- Turkey (Ohio), Bell on, IV, 163.
- Turtle, Croghan on, I, 72; Cumming, IV, 75; Frazier, I, 73; site of Braddock's defeat, 73, III, 338.
- Tuscarawas, Three Legs (town) on, VIII, 263.
- Twelve Pole, Cumming on, IV, 153.
- Twin (Ohio), Cumming on, IV, 163.
- Twin, Platte tributary, XXVIII, 197.
- Two, Croghan on, I, 108, 128.
- Two-mile Run, IV, 252; Maximilian on, XXII, 109.
- Two Thousand Mile. See Red Water, above.
- Tygh, location, XXX, 126.
- Upper Mill (Full), Say on, XIV, 183; described, 184.
- Ute, tributaries, XIX, 248.
- Vache Grasse, drainage, XIII, 196; Billingsley on, XVII, 13; Long, 12.
- Venango (Attigé, Delaware), French fort on, I, 94; Post, 228; Colonel Washington, 95.
- Vermilion, Indian graves on, XXII, 281.
- Vermillion (Colo.), Long on, XV, 279, 281.
- Vermillion, Kansas tributary, described, XIV, 186, 210; Indians on, XXVII, 198.
- Vine, originally Bayou Viande, XVI, 287.
- Wahrengeho (Full), described, XIV, 183.
- Walkarusa (Wakarusa, Warreruza), Kansas tributary, XIX, 195; Say on, XIV, 183; described by Palmer, XXX, 36, 37; sketch, XIV, 184, XXX, 37.
- Wakenda, Indian grave on, XXII, 277; "Yellowstone," 245; Fort Orleans near, V, 56.
- Walnut (Little Neosho, Stinking Fork, Mo.), formerly Whitewater River, XVI, 245; location, 246; boundary, 237; camping site, XX, 93; Bell on, XVI, 245; Farnham, XXVIII, 78; Gregg, XIX, 269; described, XVI, 229, 245, XVII, 38, 41, 140, XIX, 64, 66, 67, 71.
- Walnut (Ohio), canal on, XXIV, 151; Maximilian, 150.
- Wapalpi, Maximilian on, XXII, 114.
- Warm Spring, also known as Big Spring, XXX, 62.
- Warraconne (Elk shed their horns, Warananno). See Beaver, above.
- Warreruza. See Walkarusa, above.
- Waxhaw (Waxsaw), Crawford on, III, 54; A. Michaux, 101, 102, 104.
- Weeping-water, mouth, XXII, 264; width, VI, 165.
- Weshawaucks (Sandy), road, I, 191.
- West, Cumming on, IV, 139.
- West Oil, or Ten Mile, trail, XXVIII, 193.
- Wheeling, quality of soil on, XXII, 146; settlement, IV, 235; Hulme, X, 76.
- White, Stumps on, III, 85.
- White Oak, sources, XVII, 125.
- White Paint. See Bazile, above.
- Wild Onion, named by Lewis and Clark, XXII, 367; now Pride, 367.

## CREEKS (continued)—

- Willow (now Cedar), Pawnee on, XV, 142.
- Willow (Dry Branch), named, XXIII, 50; Columbia tributary, VII, 135, XXX, 278, 280; Palmer on, 103, 104, 117; described, 91, 92; sketch, 117.
- Wills, Zane's Trace on, X, 76; Cumming, IV, 227; Harris, III, 365; Washington, VIII, 247.
- Winchers, mouth, XXIII, 175.
- Windsor, Maximilian on, XXIII, 65; named by Lewis and Clark, 66.
- Windy, Ohio tributary, IV, 265.
- Wissahickon, Dunkers on, I, 62.
- Wolf, course, XXII, 312; mouth, XXIV, 110.
- Wood's, mouth, XIX, 57, XXVIII, 189; identified, 189; described, 191.
- Wyandot, described by Ogden, XIX, 67.
- Yellow, Mingo bottom on, I, 128; Logan massacre, IV, 117; Croghan, I, 127; A. Michaux, III, 84; described, IV, 103, IX, 101. See also Teapot, above.
- Creighton, —, with Palmer, XXX, 69, 149.
- Crenier, —, wounded, XXIV, 88.
- Crenier, Oto chief, XV, 35, 102, 105, 142; receives medal, XIV, 239.
- Creoles, VI, 33, 34, VII, 175, XVIII, 369, XIX, 287, XXIX, 364; in New Orleans, VIII, 13, 336, XIX, 126, XXVI, 65; St. Louis, VI, 403, XXIII, 189. See also French-Canadians, and Spanish.
- Cresap, Michael, Sr., pioneer, I, 95; in Dunmore's War, 131, IV, 117, 118.
- Cresap, Michael, Jr., IV, 116-118.
- Cresap, Col. Thomas, Maryland pioneer, I, 95, X, 207.
- Cresapburg (W. Va.), location, X, 206, 207.
- Crescentia pinnata*, form bridges, XVIII, 378.
- Cress, Indian (*tropæolum*), cultivated, XXII, 69.
- Crickets, observed by Nuttall, XIII, 180; by Maximilian, XXII, 68; Palmer, XXX, 79; numerous, XII, 200, XXII, 131; noisy, XIII, 245.
- Crickie, Cayuse Indian, joins Farnham, XXVIII, 330, 345; character, 331, 353, 354; hunting, 329-333; at Whitman's mission, 340.
- Crime, in general, V, 294, IX, 166, 167, XI, 208, XIV, 174, XVIII, 154, XXII, 114, XXX, 300; murder, I, 235, III, 80, 154, 198, 263, IV, 69, 287, V, 127, VII, 258, 259, VIII, 308, 340, IX, 200, XI, 12, 69, 72, 82, 85, 88, 96, 117, 134, 135, 145, 178, 182, 283, 287, 293, XII, 12, 52, 66, 70, 85, 86, 188, 238, 239, 309, XIII, 292, XVIII, 75, 77, 78, 147, 154, 155, 312, 352, XIX, 52, 177, XX, 27, 30, 31, 45, 98, 144, 145, XXII, 118, XXIV, 106, XXVI, 74, 76, XXX, 106; man-slaughter, XII, 301; suicide, XI, 97, XIV, 275, XIX, 107; robbery, V, 98, VI, 66, 274, 275, VII, 198, 213, VIII, 28, 154, IX, 200, 278, X, 238, 355, XI, 39, 72, 85, 138, 216, 283, XII, 77, 80, XIII, 295, XV, 110, XVI, 21, XVIII, 76, 155, 312, 352, XIX, 173, XX, 30-32, 54, 75, 77, 194, 229, XXII, 106, 109, 114, 192, XXVI, 74, 76, 149; highway robbery, I, 238, III, 225, IV, 11, 25, 268, VI, 83, VIII, 131, 132, 310, IX, 167, XI, 69, 135, 138, 144, 145, 152, 195, 196, 282, 283, 287, 298, XIII, 91, XVIII, 17, 154, 309, 316, 317, XIX, 207, XX, 30, 31, 81, 163, 166, 168, 172, 178, 185, 236, XXII, 336, XXVI, 74, 149, 150; mail robbery, XII, 66, XX, 79; banditti, IX, 167, XIII, 296, XX, 168, XXII, 202; horse-stealing, III, 154, IX, 167, X, 46, 47, XIII, 281; treason, I, 301, XII, 70, XVIII, 302; piracy, IX, 200, XII, 87, 92, 98, XIII, 295, 296, XIX, 105, XXVIII, 149; smuggling, IV,

329, 359, XI, 34, 35; incendiarism, IV, 131, IX, 200, XII, 80, 87, 92, 171, 333; rioting, IX, 199, XII, 87, 92, XIX, 272, XX, 95, 99, XXVI, 358; counterfeiting, XIII, 295, XVI, 309, XVII, 29, XXII, 202, XXVI, 74; embezzlement, XVIII, 14, 178, XIX, 174, XX, 226; forgery, IX, 200, XII, 83, 84, 166, 268, XVIII, 229, XXVI, 74; kidnapping, XXII, 112, 130; carrying weapons, III, 135, 193, IX, 138, XI, 196, XII, 15, XIX, 206; miscellaneous, IV, 282, IX, 200, 203, XII, 84, 85, 93, 154, 156, XIII, 292, XX, 33; punishment, IX, 166, 278, XI, 98, 282, XX, 96; pardons, IX, 167; fines, X, 355, XI, 99, 102, 103, XX, 229, XXIII, 27, 58, XXIX, 24, 61, XXX, 309, 310; tar and feathers, XVIII, 252; pillory, IV, 109, 159, 316, XVIII, 276; whipping, VIII, 27, IX, 199-202, 278, X, 20, 355, XI, 85, 88, 91, 282, 293, XII, 56, 73, 84, XIII, 296, XVIII, 276, XX, 102, XXI, 89, 256, XXII, 216; for debt, IV, 131, IX, 202, XII, 11, 19, 57, 61, 62, 290, XX, 30, 31, 101, 102; branding, XI, 98; irons, XVIII, 276, 297, 307; execution, I, 306, VIII, 28, 29, 351-354, XI, 72, 82, 96, 293, XII, 52, 66, 70, 71, 85, 87, 309, 310, XVIII, 153, 259, 261, 262, 266, 362, XIX, 176, XX, 30, 189, 229; hanging, I, 301, 302, IV, 70, 268, VI, 344, VII, 213, 258, 259, IX, 166, XI, 96, XXVI, 74; banishment, XI, 293, XVIII, 290, 362; outlaws, 365, 366, XIX, 65; transported convicts, I, 216, XII, 78, XXI, 36; impeachment, XXX, 302; confiscation of property, XI, 82, XX, 23, 24; mine-working, XXI, 38; servitude, XI, 103, XXX, 300; imprisonment, IV, 194, V, 269, VII, 198, VIII, 23, XI, 98, 100, 222, XII, 19, 62, 77, 84, XIII, 296, XX, 229, XXIX, 24, 61; houses of correction, XXII, 65, 140, XXIV, 191; police, IV, 100, 188, VIII, 337, 340, X, 195, XI, 99, XVIII, 154, XXIII, 387; use handcuffs, VII, 257. See also Prisons.

Crinoides, imbedded in limestone, XXIV, 129; fossils, XIV, 225, 226.

*Crinum americanum*, XIII, 216.

*Cristaria coccinea* (*malva coccinea*), habitat, V, 319, XV, 223, 385.

Cristinaux Indians. See Cree.

Crittenden County (Ky.), XXVI, 74.

Crocodiles, XVI, 155; described by Bullock, XIX, 127; in Missouri River, XXI, 47; hieroglyphics, XXVI, 77. See also Alligators.

Croghan, George, Indian agent, I, 18, 19, 47, 50, 88, 93, 100, 101, 127, 279, 298; at Pennsboro, 21, 44; fur-trader, 26, 27; embassy to Logstown (1750), 31, 39, 53-57; (1751), 58-69, 92-94; (1754), 72-81; warned of raid, 82; at Carlisle, 84; commissioned captain, 88; at Pickawillany, 91; with Rogers (1760), 51, 100-125; meets Pontiac, 104, 105, 147, 148; down the Ohio, 126-138, 238; made prisoner, 138-146; at Fort Miami, 149, 150; at Detroit, 151-166, 317; in Pittsburg, 283-285; letters of, 70, 147, 170-173; speeches, 63-68, 72-80, 111, 112, 115-122, 156, 157, 165, 166; in Revolutionary War, IV, 362; at Burnt Cabins, III, 321; sketch, I, 47-52; *Journals*, 25, 55, 126, 302, 313; cited, III, 34, 35, 37, 41, 66, 69, 339, IV, 103, 127, 130, 162, 257, 259, 261, 270, V, 202, 259, VIII, 53, 186, 187, 193, 207, 215, 227, 231, 232, 244, 246, 247, 262, 264, 278, 284, 285, 287, 291, IX, 95, 100, 106, 158, 186, 188, 287, 313, X, 39, 46, 207, 224, 226, 230, 242, 253, XI, 196, 206, XII, 226, 236, 257, XIII, 57, 66, 70, 122, XIV, 64, 71, 79, 108, XIX, 40, 66, 67, 71, 72, 196, XX, 294, XXII, 151, 152, 154, 156, 178, 201, 237, XXIV, 136, 148, 158, 160, 180, XXVI, 66, 141, 148, 280, XXVII, 75, 78, 91, XXVIII, 135.

Croghan, Col. George, in War of 1812-15, V, 36, VI, 392, 394, 396, VIII, 200.

Croghan, Col. William, at Louisville, VIII, 279.

Crokes, —, in Tennessee, III, 85.

Crook, Gen. George, subjugates Apache, XX, 79.

Crooks, Ramsay, Scotchman, VI, 71; joins Astorians, V, 67, 106, VI, 61, 64, 268, 277, VII, 39, 173, 178, XVIII, 140; partner of McClellan, V, 106; joins Hunt's party, 36, 86, 179, 228, 231, 232,

## CROOKS (continued)—

VI, 71; accident, V, 92, 230, 231; robbed, 110, 181, VII, 193, 197, 198; expedition for horses, V, 138, 144, 148, 152, 168; among Arikara, 161; Maha, 81; Oto, 74, 75; Sioux, 106, 107, 110, 111, VI, 83; Snake Indians, 272, VII, 188, 189; relations with Bradbury, V, 60, 182; with Lisa, 119, 122, 161; expedition to Pacific, 179, 181, 228-234, VI, 269-276; at Astoria, 274; on Pacific, V, 224; accompanies Stuart, VII, 184, 198, XV, 237; adventures, VII, 188-193; at various posts, V, 10, 64, 73, 154, 155, VI, 77, 343, XXII, 260, 267; with American Fur Company, VI, 407, XXII, 233; sketch, V, 36, 37; *Narrative*, 228-234, VI, 405.

Crosby, —, tavern-keeper, IV, 327.

Crosby, Gen. —, English officer, XII, 199.

Crosby, B. & Co., publishers, III, 109.

Crosses, erected by explorers, XIII, 117, 324, XXVII, 40; by missionaries, 282, 329, XXIX, 131, 153, 199, 204, 216, 276-278, 313, 405-407, 418; Indian superstitions regarding, XV, 152, 153, XXII, 287, XXIX, 405; explained to Indians, XXVII, 397; worn by, XXII, 367, XXIII, 96, XXIX, 116, 145, 235, 358; by priests, XXVII, 351; on church spires, XXVI, 28, 166, XXVII, 28, 65; as monument, XXI, 229, XXIX, 403; ornament, XVIII, 74; ceremonial use, XX, 29, 48, XXVII, 316; on Rocky Mountains, 131, 380, XXVIII, 215, 216. See also Churches, Clergymen, and Missions.

Cross of Peace, De Smet at, XXIX, 211, 216.

Cross Timbers, stretch of woodland, XVI, 142, XX, 217, 218, 250, 254-256, 275, 282; as boundary, 249, 253; Gregg in, 107; Arkansas expedition, 226.

*Crotalaria alba*, III, 28.

Creteau, —, engagé, XXIII, 63.

*Croton*, XVI, 98; *capitatum*, XIII, 78.

Crouse, —, mill-owner, IV, 219.

Crow (Apsaruka, Corbeau, Hahderuka, Haideroka, Keekatsa, Upsaroka) Indians, stock, V, 163, XX, 297, XXIII, 283; described, XV, 56, XXII, 346, 349, 351-355, XXVII, 181, 393, 394, XXVIII, 264; habitat, V, 229, XXII, 305, XXVII, 146, XXVIII, 209, 319, XXIX, 230; population, V, 226, XV, 56, XXII, 352, XXVII, 145, 166, XXVIII, 264; characteristics, XXIII, 75, XXIV, 92, 112, XXVII, 146, 393; language, XV, 220, XVI, 211, XVII, 157, XXII, 375, XXIV, 301, XXVII, 398; vocabulary, XVII, 289, 299, XXIV, 222; sign, 300; superstitions, XV, 56, 57, XXIII, 375, 389; domestic animals, XX, 273, XXVII, 180; dress and adornment, XV, 71, XXII, 359, XXIII, 102, 262-266, 369, XXVII, 200; occupations, XXIII, 368; weapons, war, and prisoners, XVI, 220, XVIII, 55, XXIII, 118, 119, 141, 351, 354, XXVIII, 290; diseases, XXII, 35, XXIII, 359, XXIX, 242, 243; mourning, XXVII, 179, 397, 398, XXIX, 335; intertribal relations, XXVII, 398, XXIX, 174, 365; with Arikara, XV, 95, XXIII, 394; Assiniboin, XXIX, 224; Bannock, XXVIII, 318; Blackfeet, XXIII, 146, 155, 161, XXVII, 179, XXIX, 242, 343, 357, 359; Flatheads, 328-331; Mandan, XXIII, 254, 354; Minitaree, V, 114, XXII, 360, XXIII, 75, 76, 230, 367, 375, 384, XXIV, 262, XXIX, 359; Pawnee, XVII, 154; Shoshoni, XXIV, 295, XXVIII, 262, XXX, 87; Sioux, XXIII, 228; relation with whites, XXII, 351, 353, XXX, 89; robberies, XXVII, 180, 181; hostility, V, 226, VII, 222, 224, 226, XV, 237, 238, XXIII, 227, XXVII, 177, XXIX, 345, XXX, 249; trade with, XV, 285, XXII, 364, 377, XXIII, 227, XXVII, 233; mission among, 145, 146, 166, 192, 284, 392-398, XXVIII, 16, XXIX, 342, 400, 401; Colter, V, 45; Fitzpatrick, XXI, 192; Pratte, XVIII, 53-55; Sanford, XXII, 235; portraits, XXV, 13.

Crow, Chippewa Indian, II, 59, 60.



- Crow-bars, XXII, 122.
- Crow Wing (Minn.), site, XXVIII, 152.
- Crowinshield, George, secretary of navy, XV, 165.
- Crown Point (N. Y.), limestone, XV, 182; Céleron in, I, 59; captured, 112.
- Crows (*corvus*), numerous, XVI, 172, XXII, 74, XXIII, 194, 199; observed, X, 208, XVI, 152, XXII, 148, 190, XXIII, 185, 212, 213, XXIV, 23; habitat, IV, 132, 176, VI, 47, 141, XVII, 147, XXIII, 42, 172, XXIX, 51; migration, XXIII, 165; ravages, III, 277, XXIX, 285; pursued, XVI, 251; superstitions, XXIII, 292, 388, 399; *columbianus*, XXI, 201; *corone*, XV, 322.
- Croxtan, William, tavern-keeper, IV, 104.
- Crozat, Antoine, trade monopoly, XXVII, 42.
- Crucifera*, XV, 308; observed by Nuttall, XIII, 101, 193.
- Crumps, —, in Kentucky, IV, 153-155.
- Crustacea*, fossils of, XXIII, 243; *astacus affinis*, XXII, 171.
- Cruzat, Lieut.-Col. Francisco, erects military works, XXVI, 114, 152.
- Cruzate, Don Domingo Jironza Petroz de, governor of New Mexico, XIX, 269.
- Cryterville (Pa.), Maximilian in, XXII, 126.
- Cuchan Indians. See Mohave.
- Cuckold-burs (*xanthium strumarium*), XIII, 58, 90, XVI, 44.
- Cuckoos, XXIV, 108, 118.
- Cucubalus stellatus*, on Missouri River, XIV, 156.
- Cucumber-tree (*magnolia acuminata*), III, 143, 229; size, 229, 230; in Kentucky, VIII, 276.
- Cucumbers, cultivated, V, 284, X, 306, XXVIII, 334; article of food, IX, 161; abundant, 60, 255; in Ohio, IV, 221.
- Cucumis*, observed by Long, XVI, 79; ligneous-rooted, 137; *perennis*, XV, 312, 313.
- Cucurbitaceæ*, character of, XIII, 285.
- Cuencamé (Mex.), described by Gregg, XX, 164.
- Culbert, —, freebooter, XXVI, 149, 150.
- Culbertson (Cuthbertson), Alexander, erects fort, XXIX, 233; in Fort Lewis, XXIII, 94; Fort McKenzie, 87, 168; hunting, 57; on "Flora," 38; with Maximilian, 58; succeeded by Chardon, 189; reminiscences, XXII, 17, 18, XXIII, 38, 67, 132, XXX, 60; sketch, 38.
- Culbertson, John, in Florida, XXIII, 38.
- Culbertson, Thaddeus A., visits Bad Lands, XXIV, 91.
- Cullaloo (Indian kail), IV, 325.
- Culmaria striata* (*striaticulmis*), observed by Nuttall, XIII, 43; in coal beds, XIV, 58.
- Culpeper (Colepeper), Lord Thomas, daughter of, XI, 130.
- Cumancia Indians, wandering tribe, XVI, 122; war against, XV, 253.
- Cumberland, —, in Louisville, III, 41.
- Cumberland (district), application of name, III, 229; national objects, 84, 97, 259; settlements, 14, 17, 84, 272; settlers, 61, 62, 80, 84, 93, 253; trade, 85, 280, 282; cotton culture, 276-278; taverns, 90.
- Cumberland (Md.), IX, 64, X, 208.



Cumberland (Pa.), XI, 166.

Cumberland Association, III, 60, 61.

Cumberland County (Pa.), XVII, 234; seat, IV, 48; Pennsboro in, I, 70; Croghan, 21, 48; Cum-  
ing, IV, 42; Morrison, X, 66.

Cumberland Road. See Roads: National.

Cuming, Fortescue, V, 13, VIII, 9; sketch, IV, 17, 19, 24; in Ohio valley, 92-279; at Pittsburg, 242-255; on Ohio River, 255-279; Mississippi, 279, 310; in Mississippi, 310-332; West Florida, 332-344; Baton Rouge, 339-343; by stage, 67, 73; on horseback, 57, 58, 172, 310; foot, 170, 234; sleigh, 70; *Tour*, reason for publishing, 23, 24; compared, XI, 16; cited, III, 319, V, 35, 201, 210, VIII, 53, 59, 63, 262, 263, 265, 279, 297, 303, 310, 325, 328, 329, 341, 349, IX, 64, 89, 97, 100, 119, 126, 127, 146, 150, 188, 247, 303, 305, X, 37, 39, 68, 70, 71, 231, 232, 235, 244, 252, 292, XI, 173, 176, 180, 187, 188, 287, XII, 16, 192, 218, XIII, 48, 52-54, 61, 67, 70, 71, 77, 80, 86, 88, 106, 117, 140, 283, 298, 300, 305, 306, 308, XIV, 65, 73, 80, 84, 92, 98, 172, XV, 245, XVI, 164, XVIII, 30, XIX, 28, 33, 35, 42, 64, 101, 130, XXI, 37, 40, 42, XXII, 138, 154, 155, 161, 195, 202, 211, XXVI, 12, 48, 54, 65, 71, 72, 74, 95, XXVII, 51.

Cumings, S., *Western Pilot*, X, 269, XXII, 203.

Cummings, —, names Washington (Ind.), XXII, 160.

Cummins, Dr. John, in Pennsylvania, IV, 13, 350.

*Cunila mariana*, observed by James, XVII, 43.

Cunningham, —, fur-trader, VIII, 85.

Cunningham, Allan, quoted, XXVI, 82.

Cunningham, Capt. H., seized as smuggler, XVIII, 245.

Cunningham, Nicholas, merchant, IV, 79.

Cups, as equipment, XIX, 206, XXVIII, 56; imported, X, 73; horn, XXIII, 107; tin, XI, 300, XXIX, 65.

Curcier, Andrew, works copper mines, XVIII, 350.

Curlews, noted, XV, 201, 280, XX, 282, XXII, 372; habitat, XVII, 147; long-billed (*numenius longirostris*), XV, 322, 327, XXI, 157, XXII, 283, 369; *scopolax arquata*, V, 119; *totanus (melanoleucus)*, XV, 323.

Curran, —, settlement by, XIII, 130, 148, 289.

Curran, John Philpot, Irish statesman, IV, 331, XII, 35, 41.

Currants (*ribes aureum*), observed, V, 126, 184, 188, XV, 280, 293, XIX, 283, XXVIII, 284, 285, 289; habitat, V, 95, 100, VI, 108, 147, XI, 284; abundant, XV, 297, XXI, 210, 219, XXIX, 196; scarce, IX, 255; size, XXI, 199; cultivated, XIII, 301; article of trade, X, 192; black, VI, 321, XVI, 84, XX, 258, XXIII, 32, XXVII, 256, XXVIII, 205, 325, XXX, 65; red, XIX, 75, XX, 258, XXVII, 256, XXX, 65; white, XX, 258, XXVII, 256; yellow, XVI, 84, XXI, 236, XXVII, 256, XXVIII, 205, 325, XXX, 65.

Curry, George L., *Oregon Spectator*, XXX, 160.

Curry County (Oregon), mountains in, XXX, 191.

Curtis, M. A., in Morganton (N. C.), III, 102.

*Cuscuta*, parasite, XVI, 86.

Cushawmekwy, Indian chief, I, 221.

Cushing, C. B., *Discovery beyond Rocky Mountains*, XXI, 16.

Cushing, F. H., cited, XX, 56.

- Cushing, Col. Nathaniel, on Blennerhassett's Island, IV, 128.
- Cusick, David, *Six Nations*, XIX, 149.
- Cusick, James, clergyman, XIX, 149, 150.
- Cusick, Nicholas, Tuscarora chief, XIX, 149.
- Cusot, —, French hunter, XIII, 289.
- Custer, Gen. George Armstrong, expedition against Cheyenne, V, 140.
- Custer County (Colo.), boundary, XVI, 52.
- Custer County (Idaho), boundary, XXI, 244; mountains, 236.
- Custer County (Nebr.), XV, 224.
- Custis, Dr. —, explorer, XVII, 66.
- Custis, Elizabeth Parke, marries Law, XII, 59.
- Custom houses, effect on prices, IX, 31; fees, XII, 163; character of officials, X, 262, XII, 163, XX, 171, 172, 226; escort caravans, XIX, 250; examine emigrants, V, 298; methods arbitrary, XIX, 256; lax, XX, 149; traders avoid, XIX, 194; in Astoria, XXX, 201; Baltimore, X, 187; Mexico, XVIII, 353, 363, XIX, 16, XX, 146-148, 160, 171, 236; New Mexico, XVIII, 181, XIX, 233, 235, 253, 254, 283, XX, 145, 148; New Orleans, IV, 369, VIII, 338; St. Louis, XXVI, 164. See also Commerce: foreign, imports.
- Cutifachiqui, De Soto in, XIII, 175; inhabitants, 305.
- Cutler, —, mentions sycamores, IX, 285.
- Cutler, Manasseh, forms Scioto Company, III, 185.
- Cutlery, imported, III, 203, IX, 135; in trade, XX, 186, XXIX, 60.
- Cut-nose, quarrel with Brave, XV, 34, 35; sentinel, 108, 109; present to O'Fallon, XIV, 239. See also Broken Arm.
- Cuvier, George Leopold Crétien Frédéric Dagobert, baron de, scientist, V, 254, XVI, 38, XXII, 170, 385, XXVII, 115; *Mammifères*, XIV, 167.
- Cuyahoga (Ohio), waterway, IX, 96.
- Cuyahoga County (Ohio), I, 108, XXIV, 159.
- Cuzco (Peru), La Vega in, XIII, 118.
- Cuzzens, Samuel, Indian trader, I, 62.
- Cyamus (nelumbium)*, nuts, as food, XIII, 134.
- Cyanometer, used by Graham, XVII, 263.
- Cymbidium hiemale*, habitat, XIV, 94.
- Cynips*, peach pest, V, 281.
- Cynoglossum*, III, 29, V, 318.
- Cynosurus secundus*, V, 317.
- Cyperacæa*, habitat, XIV, 160, 220; *cyperus uncinatus*, XVI, 58.
- Cypress, VI, 354; habitat, XVI, 156, XVII, 63, 69, 81, XXIX, 214, 216; size, XVII, 81, XXVI, 111; forests, VIII, 317, XXIX, 225, 226; abundant, XIII, 171, XVII, 120, XXVI, 72, 80, 126, 365, XXIX, 95, 208, 246; quality, XVII, 121; form palisade, IV, 367; bark as food, XXIX, 220; -knees, XVII, 120, 121; swamps, XIII, 71, XVII, 64, 86; observed by De Smet, XXIX, 225, 226; Du Pratz, XVII, 81, 82; Farnham, XXIX, 44; Nuttall, XIII, 141, 297; Woods, X, 255; in New Orleans, IV, 364, 367; on Ohio River, XIV, 90; Mississippi River, IV, 290; in West Florida, 339, 340; acacia-leaved, III, 302; *cupressus disticha*, XIII, 76, XIV, 69.

Cypress Bend, on Mississippi River, VIII, 317.

*Cypripedium, luteum*, III, 57; *perfoliatum*, XIV, 111.

*Cypris*, described, XV, 233.

Cythiana (Ky.), bridge, IV, 173.

*Cytisus rhombifolius*, V, 319.

D'ABBADIE, —, grants fur-trade license, XXVI, 145.

Dablon, Claude, Jesuit missionary, II, 79.

Dabney, Mildred, marries Lewis, V, 153.

Dacan, M., with Hennepin, XXVII, 38.

Daisy (*bellis integrifolia*), XIII, 199; dominical, XXVII, 256.

Dakota Indians. See Sioux.

Dakota (state), map, XXX, 46; climate, XXII, 12; boundary, XXIII, 225; pipestone quarries, V, 107, XXII, 322; Indians, XIII, 256; Picotte, XXIV, 16. See also North and South Dakota.

Dakota County (Nebr.), XXIV, 105.

Dakotha, sacrifice of, XXIX, 383.

*Dalea*, V, 319, XVI, 71, 144; *aurea* and *laxifolia*, V, 319.

Daley, —, murdered by Mexicans, XX, 144.

Dalhoff (Mo.), road, XXVI, 278.

Dalles, meaning of term, XXVIII, 355, 356; of Columbia, 345, 353, 355, 356, XXIX, 42, XXX, 157; boundary, XXIX, 46, 80, XXX, 117; natural features, XXI, 358, XXIX, 185; Wyeth's expedition at, XXI, 280, 285; fishery at, XXIX, 93; Indians, XXVIII, 341, 358, 365, XXIX, 99, XXX, 146; mission, XXI, 138, XXVIII, 357, XXIX, 97, 126, 127, XXX, 119; supply station, XXI, 361, XXX, 129, 297; emigrants, 14, 39, 122, 123, 128, 140, 144, 149, 223, 226, 227; of the Dead (des Morts), XXIX, 42, 268, 269.

Daly, —, mulatto tavern-keeper, IV, 190.

Daly, William, in Bainbridge (Ohio), IV, 212.

Damien de Veuster, Father Joseph, among lepers, VI, 222.

Dams, how made, XXII, 134; coffer, IV, 25, 27, 28; mill, XXII, 82, 83, 113, 123, XXVI, 163, 164; stone, XX, 155, XXVI, 58, 59.

Dana, Edward Salisbury, *Geographical Sketches on Western Country*, XIX, 55, 67.

Dana, Richard Henry, *Two Years before the Mast*, XIII, 15, 17.

Danbury (Conn.), Wildman in, VIII, 84.

Dandelions, habitat, XXVIII, 192, 288.

Daniel, —, farmer, XIII, 288.

Daniel, Richard, judge, XII, 11.

Daniel, Walker, founds Danville (Ky.), III, 38.

Daniels, Wright, on Arkansas River, XIII, 145.

Danville (Ky.), settlement, III, 18, 211; roads to, 35, 43, 45, 213; convention at, 36; Barbee at, 38; Cowans, XI, 182; Daviess, VIII, 287; Michaux, III, 38-40, 43, 44, 51, 52, 64, 65.

Darby, Capt. —, on "Columbia," XXI, 369.

- Darby, William, geographer and traveller, XIII, 209, 313, XVII, 12, 61, 66; explorations, XIV, 23; map, XIII, 155; sketch, 209; *Emigrant's Guide*, 209.
- Darby & Dwight, *New Gazetteer*, XIII, 209.
- Darby (Pa.), Welby visits, XII, 292.
- Darbya*, III, 102.
- Dardanelle (Ark.), location, XIII, 177, 232, 280; Dwight near, 182; Nuttall, 172, 173.
- Dardennes (Dardennis), —, on Arkansas River, XIII, 135, 136, 289, XIV, 129.
- Darke County (Ohio), river in, XIX, 66.
- Darlington, William M., *Gist's Journals*, I, 24, 25, 27, 73.
- D'Armon, Estfler, wife of James Taylor, XXX, 153.
- Darusmont, —, marries Frances Wright, X, 155.
- Darwin, Erasmus, *Botanic Gardens*, XXVI, 64.
- Datura stramonium*, abundant, XIV, 75, 156.
- Daudin, François Marie, zoologist, XIV, 45, XVI, 40.
- Daughters of American Revolution, Pittsburg chapter, III, 32.
- Dauphin, Antoine, engagé, XXIII, 67, 138, XXIV, 92, 93, 96, 99, 109.
- Dauphin County (Pa.), capital, IV, 41; McNairs in, XVIII, 32.
- Davenant, Sir William, quoted, XXVI, 197.
- Davenport, Maj. —, on Mississippi, IV, 309.
- Davenport, Martin, in North Carolina, III, 56.
- Davenport, W. S., at Fort Armstrong, XXII, 225.
- Davenport, William, in North Carolina, III, 56, 57, 99, 285.
- Davidson, John N., *Unnamed Wisconsin*, VIII, 127, XXIV, 183.
- Davidson, Thomas, in Carlisle (Pa.), IV, 262.
- Davidsonville (Ark.), seat, XVII, 127; river near, 35; road, 28, 83.
- Daviess County (Ind.), turnpike, XXIV, 141; seat, XI, 205.
- Daviess County (Ky.), seat, XIII, 68, XXII, 160; named, VIII, 287.
- Davis, —, in Pennsylvania, IV, 249.
- Davis, —, on Red River, XIII, 217.
- Davis, —, stage-master, IV, 51.
- Davis, Maj. —, in Mississippi, IV, 346.
- Davis, Andrew M., *Sketch of Law's System*, XXVII, 49.
- Davis, Isaac, visits "Tonquin," VI, 217.
- Davis, John W., clerk, XIX, 22.
- Davis, Owen, founds town, XXII, 155.
- Davis, W. W. H., *El Gringo*, XIX, 274, 277.
- Davison, —, in Mooney's settlement (Ark.), XIII, 129.
- Davisse's Station (Tenn.), A. Michaux in, III, 45, 51.
- Davy, Sir Humphry, opinion on fertilizers, XII, 57.
- Dawes, Dr. Frederick, subscriber, XI, 28; in Georgetown (D. C.), 53, 57, 58, 117, 126-128, 131, 139, 149.

- Dawson, —, teacher, among Indians, XII, 48.
- Dawson, Benoni, founds Georgetown (Pa.), IV, 101.
- Dawson, George M., *Shuswap People*, XXIX, 182, 279.
- Dawson, James, adventure with Cheyenne, XXVII, 277, 278.
- Dawson, Simon James, explores Seine River, VI, 384; *Exploration between Lake Superior and Red River Settlement*, 382.
- Dawson County (Mont.), Bad Lands in, XXIII, 53.
- Dawson County (Nebr.), sand hills in, XV, 232; Wood River, 224.
- Day, James S., described by Faux, XI, 79, 80.
- Day, John, hunter, V, 181, 225; with Crooks, 234, VI, 276; adventures, VII, 188-192, 197; river named for, 133.
- Dayton (Ohio), Miami canal in, XIX, 151; Schenck, XX, 136.
- Dayton (Oregon), founded by Palmer, XXX, 16, 17, 172.
- Dayton (Wash.), stream in, XXX, 232.
- Daywood, when budded, XIX, 75.
- Dead Buffalo (Tatanka-akta), described by Maximilian, XXII, 342, 343.
- Deaderick, G. M., in Nashville (Tenn.), III, 62.
- Dearborn, S. H., portrait painter, IV, 81; photographer, 239.
- Dearborn County (Ind.), settlement in, XXIV, 142; Ogden, XIX, 68.
- Dease, John, commands Rainy Lake Fort, VI, 383-385.
- De Baugis, —, commands Fort St. Louis, XXVI, 141.
- Decatur Commodore Stephen, character of, XII, 64, 313; commands "Enterprise," VI, 194; in War with Tripoli, VIII, 241, XII, 331; expedition to Algiers, XXVI, 31; duel with Barron, XII, 326; town named for, XXVI, 330.
- "Decatur," Buttrick on, VIII, 39-41.
- Decatur (Ill.), location, XXVI, 330, 352; railroads, 330; Flag in, 324, 328-331.
- Decker, —, in Morgantown (W. Va.), III, 162.
- Declaration of Independence, VIII, 109, IX, 206, XII, 177; proclamation, X, 96, XXII, 63; signed, IV, 29, IX, 51, 182; effect in Europe, XII, 147; made in Mexico, XIX, 176; in New Mexico, XX, 30; mental declaration, XXVI, 68. See also Fourth of July.
- Decoigne, François, hunter and guide, VI, 368, 369, 372, 377; on Moose Lake, 369; at Montreal, 396; Rocky Mountain House, 358; sketch, 358, 361, 364.
- Decoigne (Ill.), site, XXVII, 81.
- Decoys, used by hunters, XI, 86.
- Deer (*cervus*), Indian name for, VI, 263; observed by travellers, I, 192, III, 190, 197, 234, VI, 34, VII, 149, XI, 196, 252, XIII, 168, 195, XVI, 125, XVIII, 194, XXI, 314, XXII, 59, 121, 191, 368, XXIII, 26, 172, 178, XXVI, 125, 127, 163, 215, 245, 246, XXVII, 367; abundant, VI, 68, 70, 108, 247, 281, 314, VIII, 52, 126, 192, IX, 116, X, 103, 205, 249, 274, XI, 286, XII, 208, XIII, 72, 213, 228, 233, XIV, 93, 160, XV, 186, 245, 247, XVI, 34, 140, 144, 146, 151, 153, 158, 253, XVIII, 56, 86, 136, 160, 169, 333, 341, 375, XIX, 281, XX, 115, 118, 274, 275, XXI, 47, 74, 139, XXII, 91, 98, 99, 102, 109, 135, 136, 207, 245, 262, 277, 295, 297, 384, XXIII, 185, 207, XXIV, 105, XXVII, 334, XXVIII, 150, 191, XXIX, 93, 213, 367, XXX, 65; scarce, IX, 120, 121, XIV, 157,



158, XV, 171, XVI, 244, XXII, 81, 104, 240; habitat, I, 132, 133, 140, 143, II, 38, 76, 187, III, 231, 327, IV, 52, 134, 175, 353, V, 257, VI, 46, 49, 67, 69, 78, 110, 401, VII, 230, X, 288, XII, 192, XXII, 133, XXIII, 42, 172, XXIV, 120, XXVII, 39, 131, 226, XXVIII, 186, 378, XXX, 106; food, XIII, 207, XXVIII, 159, 261; habits, V, 125, VIII, 195, X, 290, XIV, 166, 167, XVI, 98, 152, 153, XXIII, 30, 176, XXVIII, 218, XXIX, 213; contests, XVII, 59; frequent salt-licks, VIII, 271, IX, 116, XI, 245, XII, 218, XVIII, 118, XXII, 256, XXVI, 281; tread paths, XXIII, 34, 36, 214; enemies of, XI, 289, XIII, 211, XIV, 253, 275, XVI, 252; hunted, V, 51, 52, 144-146, VI, 62, 71, VIII, 295, IX, 108, 111, 116, X, 231, XI, 84, 208, 210, 237, 286, XIII, 55, 205, XIV, 166, 167, 175, 181, 215, 216, 278, 289, 307, XV, 242, 289, 313, XVI, 24, 31, 41, 45, 52, 58, 67, 83, 86, 96, 159, 169, 172, 244, 250, 255-257, 266, XVII, 154, XVIII, 41, 89, 108, 111, 112, 131, 157, 219, 225, 271, 334, XX, 325, XXI, 128, 269, 332, XXII, 100, 102, 328, XXIII, 27-29, 31, 37, 50, 52, 64, 178, 179, 186, 216, 346, XXIV, 63, 109, 110, XXVI, 351, XXVII, 147, 154, XXVIII, 55, 230, 261, XXIX, 203, 313, 366, XXX, 63; methods, VI, 35, XIII, 266, XIV, 167, XXII, 115, XXVI, 366; in park, XXII, 121, 122; pets, X, 51, XI, 284, XIX, 140, XXVI, 173; fossils, XXII, 173; Indian relations to, VII, 305, XV, 114, XXIII, 337, XXVIII, 366; varieties, XXIX, 51; *elaphus*, XXII, 340; *macrotis* (*macronus*), mule or black-tailed, VI, 323, XVI, 72, 88, 89, XIX, 327, XXII, 340, XXIII, 171, 211, XXIV, 95, XXVII, 184, XXIX, 209; habitat, XVII, 145, XXI, 242, XXIII, 246, XXVIII, 221; hunted, XVI, 83, XXIII, 52; *virginianus*, XIV, 167, XV, 318, XVI, 88, XXII, 68, 167, 168, 258, 298, XXIII, 177, 182, XXIV, 23, 169; habitat, XXII, 318, XXIII, 246, XXVII, 253; hunted, XXII, 339, 366, XXIII, 214; dwarf (*chevreuil*), III, 63, 72, 82; red-tailed, XXIX, 209; white, VI, 56. Venison: scarce, XIX, 136; quality of, XI, 290, XVII, 32, XXI, 159; article of trade, I, 310, V, 201, 202, VIII, 269, XI, 211, XIII, 86, XVIII, 116, XXI, 298, 306; prices, V, 201, 202, VI, 257, X, 108, 231, 289, 355, XI, 206, 228, 255, XII, 279, XIII, 88, XIV, 94; as food, I, 28, 227, 230, 248, 311, 324, II, 189, III, 69, 261, V, 70, VI, 356, VII, 148, 190, VIII, 52, 153, 275, IX, 89, 161, X, 36, 134, 274, XI, 183, 205, 206, 291, XII, 279, XIII, 268, XIV, 215, 265, XV, 247, XVI, 11, 72, 150, 265, XVII, 59, XVIII, 224, 334, XX, 276, XXI, 318, XXIV, 96, XXVII, 400, XXVIII, 336, XXIX, 132, 172, 190, 220, XXX, 114, 260; dried, VI, 279, 281, 283, 314, 349, 367, XVIII, 108; jerked, VIII, 64, XIV, 270; roasted, XVI, 91. Skins: dressed, III, 69, VI, 62, VIII, 191, XIV, 313, XVIII, 118, XXII, 381; for clothing, VI, 131, 251, 339, VII, 106, 281, XI, 221, XVIII, 167, XXI, 75, 176, 196, 261, 350, XXVIII, 151, 157, 158, 171, 175, 181, 329, 367, XXIX, 392; for leggings and moccasins, VII, 137, VIII, 103, 155, 191, XIV, 195, 196, XV, 117, XVIII, 108, 220, XXI, 148, XXII, 224, XXIII, 31, XXVII, 172; as bed, III, 94; coverings, VIII, 153, XXI, 246, 257, XXII, 178; ornaments, IV, 355; implements, XIII, 87, XVIII, 108, 150; presents, XIII, 175, 325, 328, 333, XIV, 311, XVIII, 95, XXVIII, 240; article of trade, V, 80, XIV, 269, 313, XVIII, 68, XXII, 381, XXX, 74, 108. Antlers, portrayed, XXII, 347; head, portrayed, XXIII, 129; horns of, XXII, 50, 102, XXIII, 53, 178, XXIX, 391; hoofs, VI, 121, XXIX, 313; teeth, XXIII, 100; tails, XIV, 196, XXII, 221, 223; bones, XV, 186; sinews, XVI, 57, XXVIII, 253; grease, XXVII, 40; leg, XIII, 125.

Deer Lodge County (Mont.), origin of name, XXVII, 254; pass, XXIX, 341.

Deer-Skin Indians. See Hare.

Defiance (Ohio), Miami canal, XIX, 151.

Defond, —, pilot, XXII, 250.

De Fuca, Juan, explores Northwest Coast, XXVIII, 30, 31.

De Kalb, Baron Johann, in battle of Camden, XI, 76.

De la Barca, Frances Erskine Inglis Calderon, *Life in Mexico*, XX, 33.

Delacroix, —, in New York, VI, 192.

Delafield, John, Jr., *Origin of Antiquities of America*, XXIV, 199.

De Land, Charles E., editor, XXVII, 146.

Delassus (Pegreau), Don Carlos Dehault, land grant to Leseuer, XXVI, 121; in Ste. Geneviève, XIV, 99.

Delaunay, Léon, French consul, III, 76.

Delaunay, Pierre, trapper, VI, 344, VII, 215, 266.

Delaware (Leni Lenape, Loup, Panimaha, Wolf) Indians, V, 78; signification of name, XIII, 121, XXII, 96; stock, I, 167, XIII, 353, XX, 297, XXII, 96; described, XI, 210, XXII, 96, XXVIII, 137; habitat, I, 23, 24, 26, 86, 87, 96-99, 126, 130, 167, 168, 187, 264, II, 43, 50, 62, IV, 222, 282, VIII, 228, XIII, 83, XVII, 40, 41, 128, XX, 225, XXII, 96, XXIV, 153; migrations and removals, XX, 103, 299, XXII, 200, XXIII, 390, XXVIII, 137; reservation, XXII, 252, 254; boundary, XXVIII, 140; village sites, I, 36, 37, 61, 77, XXIV, 153, XXVII, 194; population, I, 31, 167, 168, XX, 317, XXVII, 166, XXVIII, 121; language, I, 228, 245, III, 338, XIII, 322, XX, 298, XXII, 103; geographical nomenclature, IX, 105; traditions, XIII, 322, 353, XVI, 47; character and customs, II, 41, 62, XIII, 121, 126, 193, XX, 79, 316, 317, XXII, 96, XXVII, 65, XXVIII, 186; government, XX, 316; council, I, 61-64, 209, XIII, 248; individual chiefs, I, 37, 130, 185, 186, 210, 211, VIII, 263; intertribal relations, I, 154, 280, IV, 283, XIII, 339, XVII, 19, XIX, 197; with Cherokee, XIII, 175, 192, 193, XVII, 19; Nez Percés, XXX, 237, 238; Oto, V, 77-80; Shawnee, I, 37, XIII, 72; relations with English, I, 29, 37, 42, 53, 63, 147, 148, 181, 198, 199, 205, 206, 230, 235, 263, 264, 275, IV, 89; with French, I, 80, 85-87, 134, 201-203; treaty with Penn, 34, XXII, 64; relations with Montour, I, 27; Nuttall, XIII, 72; Weiser, I, 18, 27, 36-38; in Pontiac's Conspiracy, 308, 311, 313, 314, 317, 319; Dunmore's War, XIV, 63; Armstrong's expedition, VIII, 246; missions among, I, 178, IV, 90, XXII, 124, XXIV, 154; education, XX, 305, XXVIII, 138; land grants to United States, XII, 213, XXII, 178; sketch, V, 78.

Delaware (state), price of land, IX, 183; boundary, XI, 106; troops, I, 244, X, 357; penalties, XII, 84, 85; rights, IX, 214; visitors, VI, 393, VIII, 181; Water Gap, XXII, 92, 95, 97, 126; ice storm, XII, 66, 67; disadvantages for emigrants, IX, 183.

Delaware Daniel, friendly to English, I, 195.

Delaware George, Indian chief, I, 79; in Kuskuskia (Kuskusking), 195, 220, 250; friendly to English, 198, 199, 218, 220, 221, 252, 287.

Delaware Jo, scout, I, 84.

Delaware County (N. Y.), thunder storms in, IX, 33.

De Lemos, Gayoso, in Fort San Fernando, IV, 292; Natchez, 317, 343.

De Lignery. See Lignery.

Dellenbaugh, F. S., *Romance of Colorado River*, XVIII, 137, XXI, 60, XXVIII, 225, 278.

Del Norte County (Cal.), river in, XXIX, 46.

Delongua, —, distiller, in New Orleans, IV, 264.

*Delphinium tricornis*, observed by Long, XIV, 62.

Demers, Rev. Modeste, missionary, XXVII, 377, 379, 386, 389, XXIX, 128, 129, 132, 133, 135, 181, 182; in Fort Vancouver, XXVII, 377, XXIX, 128, 130; Cowlitz mission, 130; Puget Sound mission, XXVII, 390, XXIX, 131, 132, 141; New Caledonia, XXVII, 369, 378, XXIX, 120, 134; missionary journeys, XXVII, 370, XXIX, 129, 130; on Red River, 118; vicar general of Oregon, 140; erects cathedral, 180; letter of, XXVII, 166; sketch, 369.

Demestre, —, on "Albatross," VI, 288.

Democrats. See Politics.

De Munn, Julius, fur-trader, XV, 282, XVI, 226, 227, XIX, 177; relations with Spanish, XV, 282, 308; creek named for, XVI, 227.

Déné Indians. See Tinneh.

Denman, Matthias, founds Losantiville (Ohio), IV, 256.

Dennis, Mrs. —, escape from Shawnee, I, 134.

Dennis, Philip, missionary agent, IV, 90.

Denny, William, governor of Pennsylvania, I, 80, 234, 236; letter from Forbes, 281; message to Indians, 261-265.

Denonville, Jacques René de Brisay, marquis de, governor of Canada, XXIV, 178.

Dent, —, tavern-keeper, X, 204, 262.

Dent County (Mo.), drainage, XXII, 215.

*Dentalium*, article of trade, XXIII, 98.

*Dentaria*, *diphylla*, XIV, 62; *laciniata*, 61.

Dentists, prices, XII, 315, 316; care of teeth by backwoodsmen, XI, 198.

Denver (Colo.), site, XV, 193, XXVIII, 11, 306; Long at, XIV, 14, XV, 279; gold discovered, XX, 243; Denver, Leadville & Gunnison railway, XV, 192, XXVIII, 208, 211; Denver & Rio Grande railway, XVI, 34, XXVIII, 189, 192, 223.

Depauw, —, in Kentucky, III, 18, 41.

De Pere (Wis.), origin of name, VIII, 232.

De Pue (Ill.), boundary, XXVI, 128.

Dequindre, —, in Detroit, I, 153, 154.

D'Eraque, —, in Fort l'Huiller, XXVII, 43.

Derdonai (Ark.), notes on, XVII, 42; road, 50, 53; settlement, 43.

Derresseaux, John, at Pine Bluff (Ark.), XIII, 140.

Des Autel (D'Isotille, Des Hôtel), —, in Fort Mandan, XXIX, 368.

Deschamp, —, hunter, XXIII, 28, 33, 34, 37, 39, 43, 45, 46, 152, 192; bravery, 151; expedition to Fort Union, 85, 164, 189, 190; relations with Indians, 70, 149, 204.

Deschamp family, killed, XXIII, 33.

Descoteaux, —, fur-trader, XXIV, 92, 93, 99, 115, 117.

Deserts, in California, XVIII, 219; on Arkansas River, 332; in Mexico, XVII, 191, XVIII, 359; New Mexico, XIX, 278; Snake River, XXI, 231-233; Spokane, XXIX, 185; Great Sandy, XIV, 212; Western, XVI, 174, XVII, 191-200, XXI, 70, XXVII, 159, XXVIII, 109; Pattie on, XVIII, 211-219.

Désjarlais, Antoine, trapper, VI, 366, 367.

Desmarest, —, scientist, XIII, 173.

De Smet, Pierre Jean, Jesuit missionary, XXVII, 135, 162, XXIX, 111, 142, 163, 165; dress, XXVII, 151; at Florissant, XXI, 125, XXVI, 169; companions, XXVII, 148, 150, 151, 176, 177, 190, 192, 193, 197, 198, 206, 320, 332, 358, 379, XXVIII, 16, XXIX, 134, 137, 183, 190, 191, 205, 244, 245, 250, 255, 257, 258; first priest on Rockies, XXVII, 162; crosses, 337, 340, 341, XXIX, 30, 261-263; on Columbia, XXVII, 374-377; expedition to Fort Vancouver, 374-377, XXIX, 134; voyage to Europe, 135, 136; around the world, 293; supplies and equipment, XXVII, 192, 252, 260, 330, 332, 359, 364, 400, XXIX, 183, 251, 303, 349, 350, 367-370; route, XXVII,

## DE SMET (continued) —

135-137, 141, 144-150, 153-158, 160, 162, 176-178, 181-183, 189, 190, 212, 235, 238, 241-244, 248, 252, 270, 281, 327-337, 344, 347-351, 358, 360, 369-374, 379-392, 398-401, XXIX, 184, 195, 201-205, 211-217, 251, 252, 258, 260, 263-266, 287-290, 302, 304, 307-309, 336, 340-343, 350, 366-373; encampments, 260, 287-289, 296, 302, 303, 341, 370; distance travelled, XXVII, 189, 401; dangers and hardships, 154, 182, 243, 249, XXIX, 138, 157-159, 183, 186, 189, 200, 201, 263, 265, 266; illness and accidents, XXVII, 136, 154, 192, 194, 273, 274, 370, 371, 375, 376, XXIX, 134, 167, 226, 264, 265, 272, 281, 367; adventures, XXVII, 222, 242, 260, 399, XXIX, 174, 221, 229, 368; in frontier forts, XXIV, 16, XXVII, 153, XXIX, 247-250, 363, 369; on Saskatchewan, 215, 216; at St. Louis, 365; solicits contributions, XXVII, 155, 191; presents to, 142, 146; Indians welcome, 166, XXIX, 360, 368; negotiates treaty, XXVII, 154; acts as mediator, XIX, 362; describes Indians, XXX, 9; among Assiniboin, XXIX, 220-225; Blackfeet, XXVII, 151, 285, XXVIII, 16, XXIX, 218-220, 230, 234, 240, 241, 244, 247, 335, 359-361; Chaudière, XXVII, 370, XXIX, 186; Cheyenne, XXVII, 136, 162, 277; Cœur d'Alène, 362-364; Cree, XXIX, 235-240; Crows, XXVII, 179-181, 392-396, XXIX, 335; Flatheads, XXVII, 137, 142, 147, 230, 281, 323-372, XXIX, 130, 133, 136, 312, 345; Kalispel, XXVII, 360, 369; Kutenai, 358, XXIX, 203, 204; Okinagan, XXVII, 372, 373; Pend d'Oreille, XXIX, 293; Santee, XXVII, 166; Snake, 138, 139; selects sites, 297, 392, XXIX, 166; celebrates mass, XXVII, 138, 380; presents medals, 143; baptizes, 318, XXIX, 174, 177, 199, 204, 210, 256, 299-301, 325, 345, 346, 358-360, 364, 403, 404; Indian translations, XXVII, 142, 143, 318, 363; sings ode, 223; names objects, 256, 332, 335, 362, XXIX, 296; meets Mormons, 371, 372; English officers, 192-194; deserted by guide, XXIII, 135; knows Campbell, 198; letters to, XXIX, 171, 231, 261, 262; from, 111, 112, 173-183, 205, 291-301, 380-398; journals, VI, 401, XXVII, 213; sketch, XXVI, 14-19, XXVIII, 16-18; *Letters and Sketches*, XXVI, 9, 18, XXVII, 123-412; cited, XXVIII, 112, 149, 163, 249, 300, 301, 305, 312, 319, 338, 342, 357, XXIX, 20, 30, 37, 41, 58, 59, 82, 83, 90, 97, 112, 118-120, 127-129, 133, 134, 139, 168, 173, 174, 182, 190, 192, 193, 203, 230, 234, 342, 346, 371-373, 399, 409, XXX, 39, 56, 67, 72, 74, 89, 180, 241; *Oregon Missions*, XXVI, 18, XXIX, 103-426; cited, XXVIII, 16, 18, XXIX, 78, XXX, 157, 159, 179, 182, 308; *Western Missions and Missionaries*, cited, XXIII, 147, XXIX, 137; *Voyages aux Montagnes Rocheuses*, cited, XXVII, 141, 145, 156, 167, 347.

De Smet (Idaho), Joset in, XXIX, 139.

De Soto, Ferdinand, expedition to Mississippi, IV, 289, XIII, 79, 118, 319-338, XIX, 47, XXVI, 230, XXVII, 44; party, XIII, 320, 331, 338, 358; distances, 327, 328; losses, 331, 335, 338; battle, XXVII, 44; death and burial, XIII, 307, 333-335, XX, 292, XXVII, 44; in Arkansas, XIII, 158; Louisiana, XVII, 29; relations with Indians, VI, 248, XIII, 117, 145, 175, 177, 258, 259, 305, 320-338, 353-356; historian of, 78, 319, 363; sketch, XXVI, 230, 231.

Destray, —, editor, XXII, 164.

Deterville, —, *Natural History*, III, 289.

De Tocqueville. See Tocqueville.

Detroit, French settlement, I, 55, 56, 59, IV, 277; frontier post, VIII, 11, 221, 291; capital of Michigan, IX, 188; population, I, 152; described, VIII, 214-220; distances to, 42, 209, 215, 228; roads, I, 125, 324, VIII, 209; steamboat lines, IX, 311, XXIV, 160, 162; wharves, VIII, 237; agriculture in, 219; as a market, 195, 219-222; warehouses, 217; disease, 221, XXII, 12, 57, 58, 127, 130; conflagration, XXVI, 151; Indians near, I, 19, 25, 72, 108, 115, 139, 151, 153, 159, 319, II, 47, 50, 55, XXVIII, 136; council at, I, 115-122, 154-166; in French and Indian War, 113, 117, 122, 150, 151; Pontiac's Conspiracy, 13, 160; Revolution, IV, 94, 96, XVIII, 30; War of 1812-15, VIII, 81, 82, 205, 212, 219, 223, 224, 240, XXI, 123; surrender, VIII, 226, X,



- 237; Brock in, VIII, 45; Buttrick, 41, 77, 81-83; Croghan, I, 12, 47, 50, 51, 143, 166; Ellison, IV, 205; Evans, VIII, 12, 103, 185, 191, 227, 233, 236-238, 242; Gamelin, I, 110; Godefroy, 302; Hoffman, XIX, 161; Holmes, VI, 293; Johnson, I, 310; McArthur, IV, 215; McKee, 94; Maisonville, I, 146; Monroe, VIII, 79; Morris, I, 295, 297, 322-326, 328; Pitcher, XXIV, 147; Rogers, I, 27, 51; Simcoe, VIII, 228.
- "Detroit Clinton," locomotive, XXIV, 188.
- Deuel County (Nebr.), creek in, XXX, 54; railway, XXI, 52.
- Devil's Gate. See Hell Gate.
- Devil's Race-Ground. See Straits: Devil's Race Ground.
- Devil's Tea Table. See Rocks: Devil's Tea Table.
- Devin, Rev. Alexander, in Indiana, XI, 228, 283, 285.
- De Vos, Peter, Jesuit missionary, XXIX, 134, 139, 142, 170, 180, 183, 280.
- Dewal, Richard, West Florida alcalde, IV, 338.
- Deweese, Dr. —, assists Long, XIV, 36.
- DeWette, —, on Indian barrows, XXIV, 128.
- Dewey, Chester, in *Silliman's Journal*, XVII, 248.
- Diaboga, Indian village, I, 167, 189.
- Dial, James, land grant to Morgan County (Ill.), XXVI, 306.
- Diamond Springs (Kans.), Gregg at, XIX, 203, 204.
- Dianthus*, III, 103; *americana*, 34; *sophora*, 30.
- Diaz, Porfirio, president of Mexico, XVIII, 363.
- Dickens, Charles, *American Notes*, IV, 10.
- Dickinson, John, in Pennsylvania executive council, IV, 48.
- Dickinson, Thomas, criminal, XIII, 292.
- Dickinson, W. R., cashier, IV, 107.
- Dickinson County (Iowa), lake in, XIV, 275.
- Dickson, Col. —, in Baton Rouge, IV, 323, 340.
- Dickson, Col. Robert, fur-trader, V, 36, 157; Indian agent, XXIV, 97.
- Dickson (Dixon), William, fur-trader, XXIV, 96.
- Dicotyledons*, abundant, XXII, 110.
- Diego, Juan, tradition concerning, XX, 38-41.
- Dietrich, —, tavern-keeper, XXII, 94, 97.
- Digger Indians, dress, XXVIII, 315; horses among, XXVII, 244; sketch, XXVIII, 312.
- Digges, John, Pennsylvania land grant, III, 50.
- Digges's Choice (Pa.), Germans in, III, 50.
- "Diggings," term explained, XIV, 163.
- Dillon, —, iron manufacturer, X, 73.
- Dillon (Mont.), site, XXVII, 250, XXVIII, 215.
- Dilly, —, farmer, IV, 116.
- Dinwiddie, Robert, governor of Virginia, I, 97, 98; message to French, 72, 73; *Dinwiddie Papers*, 82, 94.



*Diodia, tetragonia*, XVI, 156; *virginica*, XIII, 103.

*Dioscorea, fructu infero*, III, 29, 30; *villosa*, XIV, 156.

*Diospiros*, III, 75, XVI, 98, 168; *virginiana*, III, 59, XIV, 107.

Dipauch (Depauch), dwelling, XXIII, 271, XXIV, 36; relates Indian traditions, XXIII, 300, 301, 304, XXIV, 17, 18; acts as guard, 73; pipe, 319; present to, 18; reconnoitres, 20; entitled to chieftainship, XXIII, 350.

*Dirca palustris*, III, 43, XVI, 25.

Disciples of Christ, organized, XXVI, 358.

"Discovery," British vessel, VI, 186, VII, 117.

#### DISEASES AND REMEDIES —

*Diseases*: ague, IV, 349, V, 310, 312, X, 261, 342, XI, 186, XIII, 167, XVII, 82; apoplexy, XX, 89; bilious disorders, IV, 260, 316, 353, VIII, 299, XI, 236, XIX, 286, XXVI, 314, XXVII, 95; black vomit, XIX, 119, XXI, 93; bloody flux, XXIX, 167; blues, XI, 270; boils, X, 238; bowel complaints, 261; burns, XXI, 223; chillblains, III, 346, X, 348; chills and fever, IV, 207, XX, 259; cholera, X, 328, XIII, 106, XV, 143, XXI, 92-94, 96, 97, XXII, 12, 13, 54, 57, 58, 64, 68, 84, 127, 157, 161, 171, 185, 196, 197, 387, XXIV, 14, 36, 46, 107, 108, 114, 124, 125, 132, 142, 143, XXVI, 176; colic, I, 28, V, 182; concussion of the brain, XXI, 229; consumption, IV, 54, 66, 163, VII, 111, VIII, 221, 299, XII, 315, XVI, 132, XVIII, 34, XX, 25, XXI, 334; convulsions, VIII, 148; coughs, VI, 75; cow-pox, III, 205, XVIII, 285; deaf and dumb, XX, 26; diarrhoea, XXI, 51-53, 264, XXX, 260, 261; dislocations, IV, 105; dropsy, 349; dysentery, 330, VI, 322, XII, 211, XIV, 185, XXIII, 84; dyspepsia, XIX, 162, 189; endemic disorders, XXII, 386; epidemics, IX, 54, 288, 309, 311, XII, 273, XXVII, 96; epilepsy, VIII, 318; eye, VI, 222, VIII, 87-89, XI, 247, XIII, 324, XV, 45, XXIV, 75, XXVII, 348; fevers — III, 339, IV, 96, 199, 200, 265, 335, VI, 75, IX, 32, X, 163, 164, 193, 261, XII, 172, XIII, 13, 277, 279, 280, XIV, 18, 141, XX, 59, XXI, 191, XXII, 240, XXVI, 194, 196; bilious, IV, 200, VIII, 256, IX, 56, 189, 287, XI, 95, 109, 186, 280, XVI, 190, XVII, 82, 84; fever and ague, IV, 122, 123, 307, 309, 312, 321, VIII, 10, 54, 58, 77, 87, 88, 256, IX, 118, 187, 189, 287, 304, 305, 311, 321, XII, 211, XIII, 50, XIV, 142, XVII, 33, 92, XIX, 77, 131, 137, XXI, 307, 334, XXVI, 127, XXVII, 94, 96, 97, 107, 119, XXVIII, 276, XXIX, 147; intermittent, III, 118, 143, 157, 184, 186, 254, 276, 296, IV, 349, V, 195, IX, 163, XIII, 244, 252, 266, 299, XIV, 17, XVII, 84-86, XXI, 333; nervous, IV, 211; tertian, III, 296; typhus, XIII, 336, XIV, 142, XVII, 82, XIX, 286; yellow, III, 21, 118-121, 185, 244, 300, IV, 156-159, IX, 182, XI, 82, 103, 104, 159, 160, XII, 75, XIII, 315, 316, XVIII, 321, XIX, 101, 123, XXI, 93, 94, XXII, 33; fits, IV, 120; frost bites, XXIV, 54, 56, 65, 62, 66; fungus growth, XXI, 149; gout, IV, 67, XI, 270; headaches, XXII, 171, XXVI, 323; hydrophobia, III, 146; indigestion, IV, 190; inflammation, 78; influenza, IX, 311; insanity, IV, 96, VI, 41, 42, X, 194; itch, III, 77, 276, IV, 60, XII, 201; jaundice, III, 79, IV, 349, XI, 186; broken knee, IV, 105; leprosy, VI, 222; liver complaint, III, 79, IV, 266, IX, 189, XIX, 189; measles, III, 152, 382; milk sickness, XIV, 141, 142, XXVII, 95, 96; paralysis, XI, 26; phthisic, XXVII, 95; pleurisy, VI, 75, VIII, 299, IX, 32, X, 164, XXVII, 95; poisoning, XXI, 244, XXII, 263, XXIV, 96; prickly heat, IX, 34; rheumatism, III, 320, 346, IV, 102, VIII, 124, 299, IX, 302, XVI, 132, XVII, 234, XIX, 149, 311; scrofula, XVI, 132; scurvy, VI, 208, 209, 279, 281, 321, XIV, 283, XXII, 17, 276, XXIV, 82; sea-sickness, IX, 26, X, 181, 261, XII, 69; skin diseases, XVII, 234; small-pox, III, 20, VI, 239, VIII, 313, IX, 250, XIII, 17, 116, XIV, 14, XIX, 265, 286, XX, 204, XXII, 33, 34, XXIII, 33-36, 67, 188, 234, XXVII, 149, XXVIII, 265, XXIX, 224, 305; snake bite, III, 146, IV, 155, X, 342, XI, 86, XII, 72, XXII, 95, 101; spider bite, XI, 144; spleen diseases, III, 79; sunstroke, XI, 129, XV, 43, 44; toothache, IV, 104, VIII, 126, 191, 196, 197, 238, XIII, 110; tumors, III, 346; venereal, 79, VII, 111, XIV, 129; whooping cough, III, 92, 93; wounds, XXIII, 152, 384, XXVII, 299, XXVIII, 91.

*Remedies*: III, 203, XII, 238, 316, XIII, 61, XVIII, 377, XXX, 30, 260; officinal plants abun-

dant, XXIII, 245; Adam and Eve (for wounds), XXII, 242; *allium reticulatum*, XXIV, 82; alum, X, 286, XII, 273, 274; *amorpha*, V, 182; amputation, XIX, 210, XXI, 149; *anthoxanthum odoratum*, XXIII, 384; antiscorbutics, XIV, 283; apothecaries, IV, 186, 316, 319, 335; arsenic, IX, 56, XII, 85, XXII, 277; balsam, XXIII, 148; barks, V, 312; baths, XI, 95, XX, 334; beanplant, III, 77; bleeding, XII, 315, XVIII, 158; bloodroot, III, 334; brandy, XI, 68, 90, 129; British oil, IV, 102; calomel, XI, 95; camomile, IV, 123, XI, 95, XXIV, 19; camphor, IV, 105; castor oil, XV, 71, XXI, 95; cathartics, 343; *celtis occidentalis*, III, 78, 79; columbo-root, X, 303, XXII, 167; copalm, III, 77; copperas, X, 286; dogwood, XI, 229, XXI, 343, 344; elder flowers, XXIV, 19; epsom salts, XI, 34, XII, 158, XX, 209; *eryngium aquaticum*, XIII, 110; *erysimum lanceolatum*, V, 319; *fagara*, III, 79; flour, IV, 369; gentian, X, 303; geranium, III, 77; gin, IV, 313; ginger, XIV, 165; ginseng, IV, 123, X, 303, XI, 229; grease, 301; herbs and roots, IV, 155, VI, 321, XIX, 332, XX, 39; hospitals, III, 126, IV, 322, VI, 278, VIII, 27, 89, 118, IX, 182, X, 190, XI, 103, XII, 174, XIII, 61, 315, XXI, 94, 96, XXII, 59, 64, XXVI, 79, 155, 164, 165, XXIX, 20, 64; *houstonia longifolia*, V, 180; ipecacuanha, XI, 229; jalap, XVIII, 317; jamesweed, III, 87; laudanum, II, 143, 149, 150, V, 312, XVIII, 214; leeches, XXII, 264; lemons, XII, 158; linseed, XXII, 167; lion's heart, 95; liquors, IX, 33; magnesia, XII, 158; mercury, XV, 47; nymphæa roots, XXII, 194; opium, XV, 47, XVI, 82; osage orange, XVII, 124; peppermint, XXII, 167, XXIV, 19; Peruvian bark, IV, 123, XVII, 86; plantago, XI, 144; poultice, XVIII, 165; prickly ash, XIII, 110; quinine, XXI, 343; raspberries, VI, 322; rattlesnake (eaten), XXII, 99; reed-mace, V, 133; rhubarb root, XXIII, 120; rosin and beeswax, IV, 54; *rudbeckia purpurea*, V, 180; salt, VII, 164; salts, XI, 34; salve, XVIII, 126, 164; sassafras, X, 303, XI, 229; seneca oil, III, 346, IV, 102; *smilax sarsaparilla*, III, 79; snake-root, IV, 123, X, 303, XXII, 95; soap, XV, 20, XXX, 49; spigelia, III, 68; *spiræa trifoliata*, 77; salt springs, IV, 175; sulphur springs, 65, XII, 15; sulphur and grease, X, 303, XI, 229; sumac, X, 303; sweet locust, III, 77-79; tansy, IV, 199, 201; tar, XXX, 49; tobacco, XII, 72; turpentine, IV, 35, 36; vaccination, IX, 182, XIV, 14, XV, 202, 208, XVIII, 16, 264-268, 273, 274, 277, 282, 284, 285, XX, 204, XXII, 33; vegetables, XIV, 283; *veronica virginica*, III, 77, 79; vinegar, X, 182; viscous elm, III, 152; wall-flowers, V, 133; cold water, III, 87; lime water, XI, 103; mineral water, XII, 172; whiskey, III, 143, 152, IV, 207, XI, 92, XVI, 82, XVII, 86; white-ash tea, XXII, 101; *zanthoxylum clava-herculi*, III, 79. See also the several medicinal plants.

Disturnell, John, *Northern Traveller*, XIX, 144.

Divers (birds), habitat, XXIII, 234, XXVIII, 368; hunted, XXII, 38; *colymbus glacialis*, XV, 323.

Dix, John, in Boston, III, 313.

Dix, Mary Augusta, marries Gray, XXI, 353.

Dixon, —, hunter, in St. Louis, V, 45.

Dixon, —, Indian trader, XVI, 48.

Dixon, Col. —, in Tennessee, III, 257, XVII, 175.

Dixon, George, discovers Queen Charlotte's Island, XXVIII, 38, XXIX, 75.

Dixon, William. See Dickson.

Dixon County (Nebr.), drainage, XXII, 280.

Doaksville (Ind. T.), Indian town, XX, 304.

Dobbs, Arthur, *Countries adjoining Hudson's Bay*, II, 134.

Doctors. See Physicians.

Doddridge, Rev. Dr. Joseph, Episcopalian minister, IV, 107, 110; *Notes on Virginia*, 110.

Doddridge, Philip, lawyer, IV, 110.

*Dodecatheon integrifolium*, XV, 294; *meadia*, III, 54, V, 317.

Dodge, —, in Providence, XI, 68.

Dodge, Col. Henry, governor of Wisconsin, IV, 266; among Pawnee, XVIII, 41.

Dodge, Israel, in Ste. Geneviève (Mo.), IV, 266.

Dodge, John, in Ste. Geneviève (Mo.), IV, 266.

Dodge City (Kans.), site, XIX, 216.

Dodge County (Nebr.), creek in, XVIII, 40.

Dodson, —, with Palmer, XXX, 32; chases horses, 35, 36.

Dog Indians. See Oufe-ogoulas.

Dog-fish, observed by Faux, XI, 63.

Dog-rib (Flat-side Dog) Indians, Snake tribe, VII, 266; habitat, XXIX, 232; hostile, VII, 269.

Dog's-Hand, entertains De Smet, XXVII, 166.

Dogs, domestic, XIV, 255, 257; habitat, XXVII, 39; breeds, X, 287, XII, 208; quality, XXII, 115; hardy, XXIV, 62; resemble prairie dogs, XVIII, 335; numerous, XXIII, 17, 71; fight wolves, VIII, 196, 197, XVI, 238, XXIV, 15, 18; eaten by alligators, XI, 73; attacked by wood-ticks, XVI, 155; exhausted, XII, 177, XVI, 238; lost, XIII, 87; hungry, XXIII, 205, XXIV, 63; die of thirst, VI, 270; madness, XV, 243; taxed, IX, 231, XII, 297; depredations, XXIII, 346, XXIV, 107; owned by frontiersmen, XI, 218, XVI, 186, XX, 335, XXVI, 84, XXX, 38; used for defense, XX, 166; watch, XXVIII, 212; by shepherds, XIX, 322, XXIV, 156, XXX, 291; beasts of burden, V, 166, IX, 327, 331, XIV, 290, XIX, 228, XX, 327, XXII, 309, 310, 358, 391, XXIII, 14-16, 20, 70, 104, 236, 273, XXIV, 15, 17, 50, 51, 53, 54, 56, 63, 64, 66, XXIX, 221, 251; used in hunting, III, 75, IV, 154, 353, V, 125, VIII, 192, 193, IX, 111, X, 231, 249, XI, 200, 203, 286, XIII, 211, XVIII, 90, XXII, 133, 168, 330, 381, XXIII, 346, XXVIII, 244; as present, XIII, 333; payment for wife, XXVIII, 308; as equipment, XV, 221; as food (chiefly by Indians), II, 82, 182, 183, 189, V, 135, 142, 159, 180, 232, VI, 146, 225, 309, 337, 338, VII, 183, XIV, 290, XVIII, 108, 183, 198, XIX, 179, XX, 333, XXI, 49, 356, XXII, 38, 306, 310, 390, 391, XXIII, 76, 104, XXIV, 89, 90, XXVII, 136, 162, 348, XXVIII, 243, 246, 249, 259, 266, 277, 278, 281 (see also Indians: dogs); prices, XXI, 356, XXIV, 51, 89; shoes of dog-skin, XXVII, 172; blood-hounds, XI, 125, XXII, 118, XXVIII, 118; bull-dog, XII, 173; hounds, VIII, 52, XIII, 55, XXII, 82, 190, 280, XXIII, 219; grey-hounds, X, 189; mastiff, XVI, 238; pointers, X, 342; Spanish, VII, 154; with Bell, XVI, 58, 238, 248; Evans, VIII, 103, 115, 128, 130, 132, 153, 156, 183, 197; Farnham, XXVIII, 204; in Fort Clark, XXIII, 235; Fort Union, XXII, 384; Hawaiian Islands, VI, 221; New York City, XII, 173; with Pattie, XVIII, 106, 108; on "Resolution," X, 180; in St. Mary's, XXIX, 409.

Dogwood (*cornus*), habitat, XVII, 115, XX, 254, XXII, 385, XXIV, 109; abundant, XVII, 69, XXII, 69, XXIII, 31, 36, 58, 138, XXIV, 22, 110; blossoms, XIX, 133; medicine, XI, 229, XXI, 343; tobacco, V, 111; *alba*, XVI, 146; *circinata*, 146; *florida*, III, 30, 59, 359, V, 280, IX, 121, XIII, 179, 180, XIV, 61, XVI, 286, XXII, 133; *nuttali*, XXI, 343; *odorata*, III, 30; *occidentalis*, 30; *porida*, XVII, 18; *sanguinea*, V, 111; observed, IX, 302, X, 306, XVII, 16, XXII, 198.

"Dolly," Astorian schooner, VI, 259, 301, VII, 90, 160; adventure with Indians, 160, 161.

Dolores (Mex.), gold found in, XIX, 304; revolt, 176, XX, 189.

Dolphins, IV, 371; numerous, VIII, 359, XXII, 38; as food, IV, 371, VI, 198, X, 183, XI, 46, XXII, 38; harpooned, 37, 38, XXIV, 194; prey of, VII, 46; fight flying fish, VIII, 360; observed by Buttrick, 22; Faux, XI, 42, 44; Woods, X, 83.

- Dominicans, with Columbus, XIX, 104; Spanish colonists, XV, 133; in California, XVIII, 15, 221; found St. Thomas mission, 226.
- Donaldson, T., *Moqui Pueblo Indians of Arizona*, XX, 55.
- Donaldsonville (La.), location, XIII, 312.
- Donegala (Pa.), Indians in, I, 90; Harris, III, 363, 372; thermometrical observations, 380.
- Donelson, —, in Tennessee, III, 61.
- Donia*, observed by Nuttall, XIII, 273.
- Doniphan, Col. Alexander, in Mexican War, XX, 151, XXII, 314.
- Doniphan County (Kans.), boundary, XIV, 179, XXII, 256; river in, XIV, 181; Iowa, XXVIII, 145; mission, XXX, 255.
- Donkeys (*burro*), in New Mexico, XIX, 321, 322. See also Asses and Mules.
- Donner party, California emigrants, XXX, 250.
- Donville, —, in Fort Duquesne, I, 85.
- D'Orbigny. See Orbigny.
- Dorchester, Lord. See Carleton, Guy.
- Dorchester (Mass.), Harris in, III, 21, 315.
- Dorfeuille, —, in Cincinnati, XXIV, 143.
- Dorion, —, interpreter, XIV, 241-243, XXII, 318, 329.
- Dorion, Baptiste, with Townsend, XXI, 347.
- Dorion, Pierre, Sr., interpreter, V, 38, 39, 103, 107, 108, 129, 131; with Bradbury, 150; Lewis and Clark, XXII, 318; quarrel with Lisa, V, 121, 122; with squaw, 39-41, 67; in Oregon, VI, 284; massacred, V, 99, VI, 343, 344, VII, 265-269; sons, XIV, 241, XXI, 347, XXII, 318; sketch, V, 38.
- Dorman, R. M., *Primitive Superstitions*, XX, 286.
- Dornin, —, Indian trader, VII, 227.
- Dorsey, J. O., *Migrations of Siouan Tribes*, XIII, 117, XV, 130; *Omaha Sociology*, V, 86, XIII, 127, XIV, 288, XV, 15, XXIII, 291, 295, 298, 319, XXVIII, 147; *Siouan Cults*, XX, 352, XXIII, 300, 318, 361, 380, XXIV, 57; *Siouan Sociology*, XXII, 388; *Traditions of Skidi Pawnee*, XX, 352, XXVII, 211.
- Dorsheimer, William, *Buffalo during War of 1812*, XXIV, 162.
- Double-head, Cherokee chief, XI, 247, XIII, 181; slain, 182.
- Doucette, —, Blackfoot interpreter, XXIII, 61, 70, 72, 164; trader, 74; hunter, 62, 179; follows Assiniboin, 152; in battle, 146, 147; Kutenai expedition, 154; shot, 154.
- Dougherty, H., engaged by Long, XV, 191; vaccinated, 208; hunting, XVI, 67, XVII, 98.
- Dougherty, Maj. John, interpreter, XIV, 126, 129, 182, 211, 258, XV, 14, 32, 99, 109, 163; duties, XIV, 248, 249; Indian agent, XXII, 234, 248, XXIII, 218, XXIV, 207, 280, 285; languages spoken, XXII, 245; accompanies Long, XIV, 11, 14, XV, 194, XVII, 11; Maximilian, XXII, 126, 239, 241, 254; Say, XVII, 289; O'Fallon, XV, 140; expedition to Fort Osage, XIV, 157; Platte River, 172; among Iowa, XXII, 243; Missouri, XIV, 288; Omaha, XV, 75, XXII, 267; Oto, XIV, 228; Pawnee, XV, 354; councils, XIV, 281, XV, 15, 203; hunting, XIV, 203, 205, 252, 278, 284, XXII, 260; fishing, XIV, 277; adventures, 271, XV, 45, 56, 202, 244, XVI, 49, 50, XXII, 246, 258; post of, 265, 266, XXIV, 14; view, XXV, 31.



- Dougherty, Joseph L., clerk, XXIII, 218, XXIV, 107; trading-house, 24, 31, 32; among Ministaree, XXIII, 229, XXIV, 35; accompanies Maximilian, 27.
- Doughty, Maj. John, builds Fort Harmar, III, 34; Fort Washington, VIII, 265.
- Douglas, I. K., in South Carolina, XI, 76-79.
- Douglas, Sir James, at Fort Vancouver, XXI, 297, XXVIII, 380, XXIX, 63, 77, 119; relation to missionaries, 130, 139, 147, 150; justice of peace, 24; founds settlement, XXVII, 386; journal, XXIX, 149; sketch, XXVIII, 380.
- Douglas, Stephen A., XXVI, 318.
- Douglas, Judge Walter B., information from, V, 56, XXII, 268, XXVI, 117.
- Douglas County (Colo.), XV, 285, 305.
- Douglas County (Kans.), XIV, 184, 185, XXX, 37.
- Douglas County (Nebr.), XIV, 221.
- Douglas County (Oregon), XXX, 142, 173, 178.
- Dove, —, founds Winchester (Ohio), XXIV, 151.
- Dover (Del.), Loper in, XII, 83.
- Dover (Ohio), Maximilian in, XXIV, 154.
- Dover (Pa.), F. A. Michaux in, III, 138.
- Doves, numerous, X, 291; hunted, 186; hieroglyphic figures, XXVI, 77; in Kentucky, IV, 176; observed by Long, XVI, 26, 98.
- Dow, Lorenzo, evangelist, IX, 156, 263.
- Downham (Eng.), emigrants from, XI, 121.
- Downie, —, magistrate, IV, 41.
- Downing, Susan, missionary, XXVIII, 376.
- Downing, Thomas, founds Downingtown, IV, 29.
- Downingtown (Pa.), described, IV, 29, XIII, 35.
- Doyle, —, planter, IV, 337.
- Doyle, John T., *Missions of Alta California*, XVIII, 274.
- Draba verna*, observed by Long, XIV, 61.
- Dracocephalum, cordifolium*, XIII, 56; *virginianum*, III, 28, 30.
- Drakard, T., letter to, XI, 301.
- Drake, B., editor, XIX, 13, 117.
- Drake, Dr. Daniel, in Cincinnati, IX, 121, XIII, 61, 62, XIV, 65, 68, 90, 118; civility, X, 41; essay, XXII, 171, 172; founds school, XIX, 36; scientific observations, IX, 246, 283, XVII, 245; interested in Western immigration, IX, 156, XIX, 80; estimates distance, XXI, 39; meets Maximilian, XXIV, 144; *Pictures of Cincinnati*, IX, 121, 184, 245, 297, XIV, 66, XXIV, 144; *Pioneer Life in Kentucky*, XIII, 61.
- Drake, Sir Francis, circumnavigator, VI, 257; on Pacific Coast, VII, 33, 250, XVIII, 283, XXVIII, 36.
- Drake, Samuel Gardner, *Book of Indians*, XXVI, 231, XXVII, 68.
- Draper family, in Bloody Run (Pa.), XII, 195.
- Drayton, —, entertained by Blanchet, XXIX, 132.
- Dreidoppel, —, hunter, with Maximilian, XXII, 12, 18; hunting, XXIII, 37, 39, 43, 51, 62, 176,



- 179, 180, 211, 218, XXIV, 20, 36, 44, 47, 57, 70, 87, 93, 94; scientific services, XXIII, 24, 37, 39, 43, 51, 60, 62, 66, 143, XXIV, 88, 163; search for Bodmer, XXIII, 210; in St. Louis, XXIV, 124; *fringilla canadensis*, 77.
- Drinker, H. W., in St. Louis, V, 197, 198, 212.
- Dripping Spring (Ky.), road, III, 219; F. A. Michaux in, 216.
- Drips, Capt. Andrew, American Fur Company agent, XXI, 64, XXVII, 136.
- Droghen, —, planter, IV, 338.
- Drope, —, fur-trader, XIII, 106, 136, 139, 140, 144, 150, 152, 169, 172, 174, 179, 182, 227.
- Drouillard, George, hunting, XXIII, 64.
- Drum, —, cattle-man, XII, 321.
- Drums, various uses, XII, 317, XV, 146, XVIII, 78, XIX, 234. See also Indians: Drums.
- "Dryad," commanded by Duncan, XXX, 202.
- "Dryade," Swedish brig, X, 183.
- Duane, William, editor, XII, 306.
- Dubac, Chevalier, in Pittsburg, III, 166.
- Dublin (N. H.), situation, VIII, 106.
- Du Bois County (Ind.), mud-holes in, X, 62.
- Du Bourg, Bishop Louis Guillaume Valentin, painting presented to, XXVI, 168.
- Dubreuil, —, trapper, VII, 215.
- Dubuque, Julien, lead miner, V, 253, XXII, 235.
- Dubuque (Iowa), monastery in, XXVI, 193; Loras, XXIX, 233, 240.
- Duchesne, Madame, —, founds mission, XXVI, 279.
- Duck, Osage chief, XVI, 274.
- Ducks (wild), VI, 323, X, 225, 239, 315, XI, 187, 210; habitat, X, 230, 231, XXIII, 215, 233, 234, XXIV, 76, 77, XXVIII, 222, 351, 368, XXIX, 254; food, XXVIII, 154; migration, XIV, 285, XV, 328; scarce, XIX, 325, XXII, 185; abundant, VI, 278, VII, 50, 51, VIII, 238, 306, X, 186, XVI, 169, XIX, 133, 328, XX, 282, XXI, 201, 282, 336, XXII, 152, 188, 189, 192, 201, 212, 268, 281, 294, XXIII, 199, XXIV, 78, XXIX, 94, 125, 206, 289; hunted, VI, 265, 356, VIII, 308, XVIII, 64, XXIV, 86, 94, XXIX, 257; as food, I, 311, VI, 357, X, 284, XXI, 268, 367, XXIII, 194, XXVII, 184, 400; prices, V, 288, IX, 140, XXI, 306; preserved, XI, 49; in Illinois, III, 78, XI, 280; India, XIII, 258; Falkland Islands, VI, 203; on Mississippi River, IV, 290; Missouri River, VI, 52, 75, XIV, 278; Niagara River, XIX, 146; Ohio River, III, 350; Red Deer Lake, VI, 366; Wisconsin River, II, 187; observed by Bullock, XIX, 140; Faux, XI, 52; Flag, XXVI, 127, 135; Flint, IX, 148; Maximilian, XXIV, 84, 85; Pattie, XVIII, 100; Woods, X, 291; varieties, XXIX, 51; *anas americana* (American widgeon), XV, 323, 328, XXI, 282; *a. acuta* (pin-tailed), XV, 323, 328, XXI, 367, XXII, 188, 196; *a. albeola* (buffle-headed), XV, 323; *a. boschus*, 323, XXIII, 186; canvas-back, XII, 291, XXI, 201, 317; *a. clangula* (golden-eye), XV, 324; *a. glacialis* (long-tailed), 323; mallard, XXI, 282; *a. marila* (scaup), XV, 323; muscovy, XXII, 206, XXX, 259; *a. obscura*, XXI, 301; *a. rufitorques*, XXII, 208; *a. sponsa* (summer), XV, 323, 328, XVI, 255, XXII, 259; shoveller, XXI, 201; teal, 282, XXII, 151, 188; wood, XIV, 79, XXII, 188, 263, XXIV, 105.
- Ducoigne, François. See Decoigne.
- Duden, Gottfried, in Missouri, XXIV, 124.
- Dudley, Col. —, in War of 1812-15, VIII, 206, 207.

- Duforest, John Joseph, with Sparks, XVII, 67.
- Du Four, John James, founds Swiss settlement, III, 207-209, V, 316.
- Dufresne, Lewis, fur-trader, II, 158-162.
- Duhait, Louis Étienne, French consul, III, 76.
- Duhamel, —, physician, III, 206.
- Dulany, Patrick, in Maryland, III, 50.
- Duluth, Daniel Greysolon, fur-trader, II, 87, VI, 386.
- Dumas, Capt., in Fort Duquesne, I, 85.
- Dumbarton Castle. See Rocks: Castle.
- Duméril & Bibron, natural history, XXIV, 118.
- Dunbar, John B., *Pawnee Indians*, XXVII, 208.
- Dunbar, William, explorer, XIII, 12, 283, 301, XIV, 23; on sign language, XV, 342, XXIV, 301; *Journal*, VI, 155, XVII, 53. See also Hunter, Dr. George.
- Dunbar, Sir William, planter, IV, 325, 347, XXVII, 81.
- Dunbarton (N. H.), Wilson in, XI, 174.
- Duncan, —, lawyer, IV, 344.
- Duncan, Capt. —, in Oregon, XXIX, 69, 71.
- Duncan, Capt. Alexander, at Astoria, XXX, 202.
- Duncan, J., with Long, XV, 191, XVII, 12, 98.
- Duncan, John M., visits Cusick, XIX, 149.
- Duncan, Joseph, governor of Illinois, XXVI, 309, 310.
- Duncan, Patrick, in Charleston (S. C.), XI, 67, 71, XII, 72, 73.
- Dundee (Mo.), originally Newport, XVIII, 37, XXII, 240.
- Dunghill weed, X, 304.
- Dunkards, XIII, 294; in Kentucky, III, 216; Ohio, XII, 206; Pennsylvania, I, 61-63.
- Dunkirk (N. Y.), Maximilian in, XXIV, 160.
- Dunlop, —, investments, XI, 220.
- Dunmore, John Murray, Earl of, governor of Virginia, IV, 143, V, 279, XIV, 61, XIX, 161; in Dunmore's War, I, 131, IV, 220, XXIV, 149; Revolutionary War, IV, 94; land grant to Bullitt, X, 79, XIV, 61.
- Dunn, —, in Washington, XII, 88, 143, 145, 156, 158.
- Dunn, Jacob P., *Indiana*, I, 141.
- Dunnings, James, in Philadelphia, I, 43.
- Dunnings, Robert, in Pennsylvania, I, 21.
- Duperrey, Louis Isidore, represents Peruvians, XXII, 220.
- Duponceau, Peter Stephen, scientist, XIII, 312, XXII, 29, 70, 103, XXIV, 202, 205; assists Long, XIV, 36; meets Maximilian, XXIV, 191.
- Dupont, Eleuthère Irénée, on Brandywine Creek, XII, 68.
- Du Pratz, LePage, historian, among Choctaw, XIII, 304; opinion of Quapaw, 120; describes cypress, XVII, 81, 82; describes mines, V, 248; Indian nomenclature, XIII, 329; map of Louis-

- iana, V, 248, XVII, 29; *Louisiana*, V, 56, XIII, 120, 122, 152, 179, 217, 258, 301, 312, 322, 341, 343, 357, 358, 363, XV, 133, 134, XVI, 20, 212, XVII, 30, 62.
- Du Quesne, de Menneville, —, Marquis, governor of Canada, III, 342, IV, 242, XIX, 28, XXVII, 91.
- Duquette, Francis, erects mill, XXVI, 269.
- Durand, —, fur-trade clerk, XXIV, 35.
- Durand, Elias, memorial, XIII, 11, 16-18.
- Durango (Mexico), location, XVIII, 144; as a boundary, 360, XX, 163; size, XVIII, 351; road, XX, 164; population, 164; depopulation, 77; commercial interests, XVIII, 361, XIX, 160, XX, 172, 224-226; civil disturbances, 176, 177; bishop, 45; Apache in, 76; scorpions, 166; Gregg, 164-166, 168, 176.
- Durham, Robert, designs Durham boats, IX, 323.
- Durham (Conn.), Wild in, IV, 131.
- Durham (Kans.), Gregg in, XIX, 204.
- Durion, Pierre. See Dorion.
- Durrett, Col. Reuben T., in Louisville (Ky.), I, 14, 137; *Bryant's Station*, IV, 175, 197; *Centenary of Louisville*, I, 136.
- Dutch, language, IX, 33; character, XXI, 35, 36; immigrants, V, 291, 312, XII, 136; settlements, VIII, 22; farmers, X, 144, XI, 153, XXVI, 238; sailors, VIII, 26, 37; Gothic churches, XI, 165; on Alleghany Mountains, XXI, 35; in Illinois, X, 144, XXVI, 235-237; Maryland, XI, 165; New Jersey, XII, 167, XXII, 60; New York, VI, 192, VIII, 89, 117, 125, IX, 35, XIX, 142, XXIV, 187; Ohio, XII, 17; Pecung, VIII, 30; Pennsylvania, III, 367, XI, 135, XII, 20, 182; Solis revolt, XVIII, 294; *Noticia de la California*, XIV, 78; *Six Months' Residence and Travels in Mexico*, XIX, 13.
- Dutchess County (N. Y.), Moravians in, I, 177; Paulding, XII, 65.
- Dutchman, with Pattie, XVIII, 190, 212, 219, 258, 264.
- Dutot, —, lands of, XXII, 96; Indian relics, 97; inherits remedy, 96; poverty, 95; village named for, 94.
- Dutotsburg (Pa.), origin, XXII, 94.
- Duwal, —, in Great Prairie (Fla.), IV, 344.
- Duxbury (Mass.), school grant, VIII, 105.
- Dwight, Theodore, in New York, XII, 75.
- Dwight, Timothy, educator, XII, 75; land grant, VIII, 106; mission named for, XIII, 182; *Travels*, XIX, 145.
- Dwight Mission, on Illinois Bayou, XIII, 181, 182, XVII, 23.
- Dye, Eva Emery, *McLoughlin and Old Oregon*, XXI, 296.
- Dyes, III, 95; made by Indians, XXIII, 13, 103, 278; from plants, III, 260, 267, 334, XXIII, 220, XVII, 124, XXII, 285, XXIV, 125; mineral, III, 58; mordant for fixing, IX, 56; dye-tree, III, 275. See also Trades: Dyers.
- EAGLE'S NEST. See Watapinat.
- Eagles (*aquila*), habitat, VI, 47, 323, XV, 247, XVII, 147, XXIII, 64, 172, 348, XXVII, 334, XXIX, 216; numerous, VII, 50, XVI, 172, XXIII, 179, XXIX, 207; how trapped, XXIII, 348, XXIX, 257;

## EAGLES (continued)—

- emblematic use, XIII, 126, XVIII, 337, 371, XXIII, 344, XXIV, 35, XXVI, 77, XXVII, 131; Indians personate, XV, 124, XXIII, 330, 331; golden (*chrysaëtos*), XVIII, 44, XXIII, 348, 382; bald or white-headed (*haliaetus* or *falco leucocephalus*), IV, 132, VII, 149, VIII, 311, 312, XIII, 289, XV, 318, 325, XVI, 230, XXII, 148, 259, XXIV, 77, XXX, 225; habitat, XXII, 191, XXIII, 47, XXVIII, 222; nests, XV, 242, XXI, 174; how trapped, XXIII, 38, 348; painting of, XXIV, 73; war (*f. melanætos*), V, 51, XIII, 126; great hen (*f. buteo galinivorus*), XV, 318; ring-tailed (*f. fulvus*), 318; black, VI, 121, XXVII, 334; grey, XXII, 191, 299, XXVIII, 222; white, XXIX, 51; fish or sea, X, 186, 200; tails used, XXIII, 339; wings, XXII, 343, 346, 356, 389, XXIII, 259, 265, XXIV, 48; claws, XXIII, 116; feathers, as ornaments, XIII, 250, XIV, 196, 264, XXI, 76, 122, XXII, 222, 223, XXIII, 260, 297, 298, 350, XXIV, 51, 58, 67, 74, 75, XXIX, 240, 360, 391, 392; prices of, XXIII, 261; caps of, XXII, 326, XXIII, 150, XXVII, 173; fans, XV, 56, XXIII, 102; badges, 116.
- Earnest, —, in Tennessee, III, 58.
- Earth-nuts, article of trade, X, 193; described by Woods, 308.
- Earthquakes, IV, 282; explanation of, V, 209; in United States, IX, 246, 247; on Mississippi River, V, 15, 204-211, VIII, 59, 302, IX, 247, XI, 181, XIII, 77, 81, 85, 91, XVII, 89, 242, XXVI, 63, 110; on Missouri, XXIII, 237; Bradbury in, V, 11.
- Earth-worms, feathers eaten by, XI, 298.
- East India Company, revenues, XXVII, 49.
- East Indies, XI, 39; productions in Illinois, X, 130; Northwest Passage, XXVII, 37; commerce with Massachusetts, XXI, 12.
- East St. Louis (Ill.), XXVII, 119; Bloody Island, XXVI, 115.
- Easton, Alton, town named for, XXVI, 119.
- Easton, Rufus, founds Alton (Ill.), XXVI, 119.
- Easton (Pa.), XXII, 127, 128; road, 87; Denny in, I, 235; described by Maximilian, XXII, 89; Indians in, I, 186, 240, 246; Post, 234; treaty, 239, 254, 279; population, 89.
- Eaton, Amos, scientist, XIV, 13, 55, XVII, 246, 251; *Geology of Northern States*, XV, 183, XVII, 247, 248.
- Eaton, Osman, *Starved Rock*, XXVI, 141.
- Eaton (N. Y.), Evans in, VIII, 125.
- Eaton's Station (Tenn.), Stumps in, III, 85.
- Ebbetts, Capt. —, Astorian employee, VI, 276, 277.
- Ebensburg (Pa.), distance from Alleghanies, XXII, 136; described by Maximilian, 134, 135.
- Ebert, —, tavern-keeper, in Kentucky, IV, 200.
- Ebony, exported, XVIII, 364; in Mexico, 362.
- Ecannum (Econé), Indian divinity, VI, 334, VII, 110, XXVII, 302.
- Echeandia, José Maria de, Spanish governor, character, XVIII, 247-249; duplicity, 254, 255; cruelty, 236-241; in San Diego, 228; Santa Barbara, 290; Mexico, 315; petition from small-pox sufferers, 264; letters, 274, 275, 283, 292; relations with Americans, 294, 303; Bradshaw, 249, 250; Solis, 292-294; Pattie, 16, 229, 230, 245-254, 257, 260-262, 265-271, 274, 298, 300-303; sketch, 290, 291.
- Echinus*, described, XIV, 223, XVII, 227; fossils, XVI, 245. See also Sea-urchin.
- Echulute (Wyampam) Indians, habitat, VII, 129; chief, 195; Astorians among, 240.

*Schüelehbadjó* (Crazy-deer-foot, Chuly), with Gregg, XX, 102, 103; hunting, 113, 114.

Sckerlin, Samuel, in Logstown, I, 62.

*Eclipta erecta*, observed by Nuttall, XIII, 103.

ECONOMIC CONDITIONS: in general, III, 142, IV, 233, VIII, 119, 298, 347, IX, 10, 11, 213, X, 12, XIX, 26, 27, XXVI, 301, 302; comparisons, III, 167, 357, 358, XIX, 33, 333.

*Wealth*: III, 278, VIII, 138, 139, 220, 297, 360, XI, 80, 160, XII, 20, 187, XIII, 46, 66, 290, 307, 309, 310, XIV, 63, XVIII, 344, 347, 350, 359, 360, XIX, 26, 27, 92, 93, 110, 125, 129, 131, 137, XX, 103, XXI, 37, 44, XXII, 88, 94, XXVI, 294, XXVII, 49, 54, XXIX, 91; capital, IX, 232, XI, 114, 143, 151, 154, 155, 165, 177, 179, 214, 219, 245, XII, 57, 60, 80, 101, 117, 292, XIX, 82, 178, 181, 296, XX, 133, 236, XXVIII, 174; land-values, III, 279, VIII, 339, IX, 180, 185, 187, XI, 179, 214, 245, XII, 31 (see also Lands); rents, I, 24, III, 279, IV, 118, 164, 175, 184, 190, 200-204, IX, 74, 217, 238, X, 83, 187, XI, 115, 150, 169, 207, 216, XII, 57, 76, 164, XIV, 83, XVIII, 119, XXIX, 136; interest, X, 154, 178, XI, 162, XIX, 137; mortgages, IX, 154, 257, XI, 127, 300, XIII, 69, XX, 88; abandoned property, IX, 128, XII, 16, 77, 237.

*Labor and Wages*: for laborers, see Laborers; for specific occupations, see Trades. Quality, IV, 47, VI, 33; prison-labor, XII, 174; women and child labor, IV, 352, VIII, 270, IX, 112, 226, 238, 264-266, 273, 274, 302, XIX, 306; bureau, IX, 57. Scarcity, III, 171, 197, 200, 201, 280, 295, V, 302, VIII, 220, 341, X, 62, 123, XI, 279, XII, 16; over-supply, V, 285, 300, IX, 30, XI, 55, 113, 121, 133, 198, 202, XII, 279; domestic service, IX, 36, 108, 112, 137, 161, 218, 235, 294, X, 123, XI, 163, XII, 14. Wages, III, 201, 227, IV, 164, IX, 11, 82, 126, 139, 162, 226, 235, 266, 294, 303, X, 12, 37, 39, 75, 103, 338, XI, 141, 161, 162, 192, 198, 299, XII, 17, 93, 111, 119, 120, 240, XIII, 64, 142, XIV, 149, XVIII, 355, XIX, 80, 81, 309, XXII, 109; ratio with prices, V, 288, 289, IX, 11, X, 32, 338; comparison, III, 201, X, 192, XII, 102; high, III, 201, VIII, 220, 341, X, 388, XIII, 64, XXX, 160; increased, X, 9; reduced, XII, 119; mode of payment, XI, 215, 242, XVIII, 177; paid irregularly, XII, 102; of laborers, III, 295, V, 287, IX, 30, 38, 82, 126, 139, 226, 227, 273, 303, X, 32, 37, 39, 75, XI, 113, 116, 141, 161, 192, 198, 299, XII, 93, 111, 119, 120, 142, 203, XIV, 149, XVIII, 355, XX, 30, XXII, 109, XXX, 219; artists, XII, 89; bar-keepers, X, 67; blacksmiths, 68, 75, XI, 287; boatmen, XII, 74, 239, IV, 207, VIII, 314, IX, 114, X, 293, XIII, 75, 96, 97, 101, XXII, 151; bricklayers, X, 68, 75, XII, 240; carpenters, III, 201, V, 287, IX, 31, 126, X, 68, 75, XII, 240, XXX, 219; drivers, IX, 35; gardeners, XII, 11; glaziers, X, 75; grave-diggers, XXI, 93; guards, XVIII, 111; guides, XVII, 42, XX, 142, XXVIII, 277, XXX, 40, 43; harvesters, X, 68, 295, XII, 101; hatters, X, 68; husbandmen, V, 303; joiners, IX, 31, 126; masons, III, 201, V, 287, IX, 31, X, 68, 75, XI, 133; mechanics, IX, 139, 150, X, 37, 128, XI, 119, 153, 198, XII, 333; millers, X, 75, XI, 156; midwives, XII, 316; miners, X, 77, XIX, 309; muleteers, 318; overseers, XI, 101, 153; pilots, XIV, 71, XXI, 309; plasterers, X, 75; ploughmen, 103; saddlers, 68; sailors, XI, 65, XII, 86, XXI, 34; sawyers, X, 278; seamstresses, 105, 134; servants, IX, 122, X, 103, XI, 216, XII, 77, XXIX, 54; shipbuilders, X, 37; shoemakers, III, 201, V, 287, X, 68, 75, XI, 62; slaves, 116; spinners, X, 67; steamboat hands, XXI, 93; surveyors, IV, 106, XIII, 165; tailors, III, 201, X, 68, 75. See also Trades.

*Salaries*: of clergymen, X, 84; clerks, 68, XXIX, 54; congressmen, XXX, 302; governors, III, 179, XXX, 304; Indian agents, I, 146, XXIII, 23, 228, XXVII, 136; judges, IX, 277, XI, 94, 181; land-agents, XII, 60; lawyers, XI, 94, XVIII, 352; missionaries, XXX, 298; overseers, XI, 101; physicians, XVIII, 286; presidents, XII, 174; professors, 314; public officials, IX, 172; sheriffs, XXVII, 79.

*Competition*: IX, 29, 265, 266, 273, 274, XII, 63, 240, 251, 258, XIII, 44, XIV, 10, XIX, 160, 257; balance of trade, IX, 241; monopolies, 203; co-operation, XI, 179, 205, 231, 288, XXI, 34; communism, X, 50, XII, 260, 261, XXII, 13, XXIV, 155, XXVI, 67, 68, 96; among Harmonists, X, 314-316, XI, 249, 250, XII, 260, 261, XXII, 141; Mormons, XX, 94.



ECONOMIC CONDITIONS: *Competition* (continued)—

*Standard of living:* III, 193, XII, 74, 80, XIX, 14, 58, 137, XXI, 126, XXIX, 100; cost of living, III, 157, 201, IV, 34, 35, X, 83, XI, 119, 153, 163, 168, 169, 177, 190, 193, 197, 198, 219, 223, 241, 256, 283, XII, 59, 111, 114, 164, XXII, 183, XXVII, 57, 58; of agricultural labor, III, 167, VIII, 330, X, 198, XI, 150, 229; supply of provisions, VIII, 47, 51, 73, 77, 80, 132, 195, 261, X, 93, XIII, 55, 59, XXIV, 63, 94, 121; cost of provisions, IV, 252, 253, VIII, 194, 195, 219, X, 134, 236, 338, XII, 62, 65, 105, 237, 238, 293; of board, III, 201, IV, 68, IX, 30, 31, 33, 82, 150, 226, 227, 273, X, 83, XI, 55, 116, XVIII, 337; cost of travelling, IX, 114, 115; tavern prices, III, 86, 89-91, 93, 97, 122, 126, 129, 131, 172, 266, IV, 34, 49, 75, 106, 121, 203, 221, 225, 238, VIII, 55, IX, 101, X, 64, 198, 199, 204, 205, 211, 215, 218, XI, 70, 73, 74, 80, 171, 197, 224, 249, 298, XII, 16, 22, 164, 166, 177, 196, 213, 221, 270, 272, 289, 299, XIII, 317, XVIII, 311, XIX, 154, XX, 173; cost of building, III, 161; timber plenty, 185, XII, 20; scarce, IX, 39, XXVI, 302; wasted, VIII, 181, IX, 125, X, 210, XII, 100, XXIV, 154, XXVI, 210; water scarce, III, 220, IX, 243, 300, X, 121, 122, 137, 271, 336, XI, 261, XII, 13, 218, 249, 280, XIV, 20; quality, XI, 109, 217, XII, 196, 208, 235.

*Poverty:* III, 88, 131, 140, 152, 184, 185, 269, VIII, 116, 150, IX, 113, 218, XI, 215, 237, XII, 80, 93, XIII, 55, 58, 78, XVIII, 349, 355, XIX, 333, XX, 190, XXII, 53, 95, 137, XXIV, 144, 145, XXVI, 112, 143, 148, 332, XXVII, 58; causes of, VIII, 116, 117, 266, IX, 82, 228, 229; debt, XI, 117, 118, 132 (see also Crimes: debtors); live beyond means, XII, 122; bankruptcy, IX, 48, 49, 225, XI, 124, XXII, 92; pauperism, IX, 229, X, 105, 130, 134, 146, 196, 204, 351, XI, 127, XII, 168, 276, 299, XVIII, 336, XIX, 346; begging, IX, 30, XI, 287, XVIII, 309, XIX, 346; poor-houses, IV, 31, IX, 218, 229, XII, 302, XVIII, 352.

*Finance:* government revenues, VIII, 339, XII, 270, XIV, 38, XX, 61, 62; electing assessors, XII, 297; taxes, III, 151, 198, 279, 292, 293, IX, 222, X, 130, XII, 66, XIX, 271; absence of, X, 128, 134, 338, XI, 10; low-rate, IX, 36, 82, 174, XIX, 14, 137, 271; how levied, III, 242, XXX, 303; exemptions, IX, 253; evasions, VIII, 270; arrears, IX, 230; excise, III, 144, IX, 174, 204, 271, X, 206; taxes on land, III, 171, 242, 289, V, 282, IX, 230, X, 83, 338, XI, 150, 257, XIV, 138, XXII, 181, XXVI, 128; mines, XIX, 260, XX, 187; timber, IX, 332; road, 253, XXX, 303; poll, XII, 297, 319, XXII, 181; bank, IX, 209, 223, 230, 231, XI, 223, XVIII, 364; poor rates, IX, 205, 228, 229, X, 128, 338, XI, 232, 244, XII, 297; tithes, IX, 327, X, 83, 128, 159, 160, 338, XI, 232, 244, XVIII, 354, XIX, 58; state and county, IX, 230, 231, XII, 120, 297; town, IX, 231, XII, 297; personal property, IX, 144, X, 287, XI, 99, XII, 169, 297, XVIII, 354, XX, 149, XXII, 181; non-residents, XI, 220, XX, 27, 28; fines and fees, XI, 118, XII, 303, 304, XX, 50; licenses, XIII, 314, XVIII, 84, 144 (see also Commerce: duties); internal improvements, VIII, 292, IX, 186, 227, XII, 202, 280, XIII, 44, XIV, 21, XIX, 152, XXIV, 159, 182, XXVI, 57, 58, 150 (see also Canals, Transportation: routes, etc.); banking, IX, 12, 224, XI, 223; insurance, VI, 407, VIII, 325, IX, 55, 241, XI, 33, XII, 239, XIII, 117, XIX, 40, XX, 226, XXII, 151, XXVI, 265; profits, IV, 179, VIII, 120, 326, IX, 204, 218, 303, XI, 118-121, 128, 129, 140, 156, 161, 171, 198, 236, 241, 253, 301, 305, XII, 18, 66, 93, 98, 114, 237, 239, 240, XXII, 89, 141; losses, IX, 178, XXVI, 57, 58. See also Agriculture, Commerce, Frontiersmen, Manufactures, Money, and Prices.

*Economy (Pa.),* founded by Rapp, X, 54, XXIV, 155; location, I, 25; Harmonists in, V, 314; Moravians, I, 185; described by Maximilian, XXII, 139-143.

*Ecutoch,* Indian spirit, VII, 110.

*Ecuyer,* Capt. Simeon, in Fort Pitt, I, 282.

*Eddyville (Ky.),* A. Michaux in, III, 81.

*Edinburg (Ind.),* location, XIX, 68.

*Edinburgh Review,* V, 12, IX, 298, XI, 11, 136.

Editors. See Newspapers.

Edmeston, Capt. John, in Tennessee, III, 85.

Edmonstone (Ind.), Faux in, XII, 11.

Edmonton (Alberta), site, XXIX, 408; Brazeau in, XXIII, 189.

Edney, —, on "Resolution," X, 180.

Edney, —, in Wheeling (W. Va.), XI, 167-169, 171.

EDUCATION: need of, IX, 11, 43, 153, 170-172, 288, 289, XI, 178, XII, 123, 237, XIII, 49, XIX, 330, XXVII, 53, XXX, 219; influence, VIII, 104, XII, 44, 45; opposed, XX, 61; opportunities, VIII, 120, 249, XII, 204, XXII, 165, 178, 180, XXVI, 204, 304, XXVII, 53, XXIX, 181; school books, XXX, 219, 262 (see also Books, Libraries, and Newspapers); school property, XXIX, 165; expense and donations, IV, 35, 184, IX, 11, X, 83, XII, 74, 114, 201, XXII, 179, XXVI, 119, 155, 203, 204, 237, 253, 304, XXX, 182; endowments, XII, 173, 174, 237, XIII, 309, XIX, 37, 79, 101; land grants for, VIII, 105, IX, 119, 178, X, 334, XIII, 197, 302, XIV, 105, XXII, 179; advocated, IV, 99, V, 289, IX, 182; Lancasterian system, XI, 58, XII, 204, XIV, 66; public, X, 216, XII, 204; facilities, X, 83, XI, 131, XXX, 219; school-teachers, III, 199, IV, 35, 247, XI, 72, 121, 132, 229, XIX, 330; students, XII, 314, 315; on the frontier, IV, 35, X, 104, 346, XI, 229, XXI, 73, 127, XXIX, 64-66, XXX, 231 (see also Frontiersmen); in Arkansas, XIII, 161; Canada, VII, 9; Carolina, XII, 82; Connecticut, 74; Illinois, XXVI, 31, 119, 200, 203, 204, 301, 307, 308, 310; Indiana, X, 247, XII, 237, 265, XIX, 71, XXII, 164, 179, 180; Kentucky, III, 199, 250, IV, 184, XVIII, 29, XIX, 37, XXVI, 9; Louisiana, XIII, 316, XVIII, 25; Maryland, XII, 66; Massachusetts, XXI, 138, 335; Mexico, XX, 79; Michigan, VIII, 218; Mississippi, IV, 312, 314, XIII, 302; Missouri, XXVI, 259, 268; New Hampshire, VIII, 109; New Mexico, XIX, 329-331; New York, XXIV, 189; Ohio, IV, 123, 140, 213, 218, IX, 109, 118, 151, XI, 178, XIX, 34-36, XXI, 352, XXIV, 150, 159; Oregon, XXIX, 20-22, 25, 133, 135, 139, 143, 165, XXX, 100, 181-183, 219, 300; Pennsylvania, III, 347, 370, IV, 35, 65, 66, 109, IX, 55, 56, XI, 167, XII, 19, 314, XXII, 77, 106, 142; Rhode Island, 53; Tennessee, III, 62, 253, 353; Virginia, 213, IV, 109, XI, 154, XXVI, 357; West Virginia, III, 350, XII, 204, XIX, 33.

Colleges: in general, X, 95, XI, 127, XXVI, 165, 204; professors, X, 95, XII, 314; Allegheny, III, 340; Bethany, XXVI, 358; Bishop's, XXIX, 181; Blackburn, XXVI, 226; Bloomington, XXII, 179; Bowdoin, XXVI, 9, 309; Brown, XII, 56, XXVI, 29; California, XXX, 230; Cambridge, XI, 56, 90, XII, 54, XXI, 41, XXII, 48; Canonsburg, IV, 109, 239, X, 219, XII, 201, 202; Charleston, XI, 73; Cincinnati, IX, 239, XIV, 66, XIX, 36; Columbia (N. Y.), VIII, 160, XII, 75, XVII, 12, 46; (S. C.), XI, 75; Columbian, XII, 53; Cumberland, III, 251; Dartmouth, XIV, 10, XVII, 68, XXVIII, 52, 175; Dickenson, IV, 47, 48, IX, 56, XII, 75; Edinburgh, III, 205; Greenville, 381; Harvard, 16, 20, 253, V, 39, IX, 294, XI, 57, XII, 36, XIII, 14, 15, XVIII, 25, XXI, 13, 14, 23-25, 30, XXVI, 309; Illinois, 304, 308, 309; Indiana, XXII, 180, XXIV, 144; Jesuit, XXVI, 169, 170, XXVII, 48, 49, 119, 193, XXIX, 137; Lexington (Ky.), IX, 132, X, 94, 95 (see also Transylvania, below); McKendree, XXVI, 253; Marquette, XXIX, 135; Miami, IX, 300, XX, 136; Michigan, XXIV, 147; Middlebury (Vt.), XIV, 13, XXI, 24, XXIV, 147; Mississippi, XIII, 302; Missouri, XXI, 133, XXIV, 122; Montreal, X, 67; Morrison, 67; New York, XI, 124, XV, 166; Oberlin, XXVIII, 275; Ohio, VIII, 264, IX, 119, XIX, 79; Oregon, XXX, 18, 124; Oxford, XXVII, 114; Pacific, 368; Paducah, XXII, 203; Pennsylvania, III, 97, IX, 54, 56, 121, 181, XII, 182, 314, XIII, 61, 202, XIV, 39, XV, 312, XXII, 63, 64, 149, XXIV, 191; Princeton, III, 28, 39, 55, IV, 239, 240, IX, 51, XV, 166; Queen's, XVII, 46; St. Charles, XXVI, 278, 279; St. Joseph's, VI, 282, XXIX, 136; St. Louis, XXVI, 15, 155, 164, 169, 170, 259, XXVII, 135, 155, 391, XXIX, 342, 373; Santa Clara, 134; Shurtleff, XXVI, 203, 204, 252; South Carolina, IX, 56; Transylvania, III, 44, 206, IV, 184, IX, 146, X, 67, XI,

EDUCATION: *Colleges* (continued)—

188, XII, 75, 221, XIII, 61, XVIII, 25, XIX, 101, 164; Vanderbilt, III, 251; Vincennes, XI, 208, 209, XXII, 180; Virginia, III, 213; Washington and Jefferson, 347, XII, 201, 202; Washington (St. Louis), 201, XXVI, 155, XXX, 18; Waterville, XXVII, 66; Wesleyan (Ky.), III, 198; West Point, XIV, 11; West Virginia, III, 162; Whitman, XXVII, 368; Willamette, 388, XXIX, 21, 165; William and Mary, VIII, 200, XXVIII, 29, 30; Williams, XII, 204, XXI, 335, XXVII, 367; Wisconsin, III, 150, XIII, 18, XIV, 26; Yale, III, 354, XI, 136, 181, XII, 50, 74, XIII, 182, XIX, 101, XXVI, 304, 309.

*Special schools:* VIII, 363, IX, 55, 241; agricultural, XXII, 163; art, IX, 55, XXVI, 137; boarding, XXII, 85; Catholic, IV, 368, XXII, 140, XXVIII, 16, 164, 194, 195, 262, 279, 369, XXIX, 133, 279, 280; engineering, XVIII, 290; female academies, XIII, 309, XXVI, 165, XXVII, 64, 118; Indian, VII, 316, VIII, 74, XII, 23, 48, XVIII, 279, XX, 305, 307, XXVI, 169, XXVII, 197, 296, 388, XXVIII, 119, 125, 137, 146, 338-340, 342, 344, 357, XXIX, 22, 316, 317, XXX, 235, 237, 255; among Cherokee, XXVIII, 128; Chickasaw, 125; Choctaw, 125; Delaware, 138; Flatheads, XXIX, 143; Kansa, XXVIII, 140; Kickapoo, 141; Omaha, 147; Osage, 133; Pawnee, 149; Potawatomi, 134, XXIX, 234; Pueblos, XX, 61; Sauk and Foxes, XXVIII, 141, 144; Seneca, XXIV, 163; Shawnee, XXVII, 194, 197; Tuscarora, XIX, 150; medical, IX, 54, 121, 196, XII, 290, XIII, 61, 62, XV, 166, XVII, 46, XXII, 64, XXVI, 155, 169; military, XI, 117, 157, XXVI, 214; West Point, XIV, 11, 41, XV, 140, 165, 166, XIX, 187, XX, 107, 108, 205, 267, XXIV, 191, XXVI, 137, XXX, 39; Mormon, XXVI, 359; normal, 31; orphan, XIII, 309; polytechnic, XXVI, 155; Sunday, XXI, 24, 353, XXVIII, 345; singing, XXVI, 361; theological, XII, 75, XIII, 316, XXI, 352, XXII, 85, 145, 146, XXVI, 237, 252, XXVII, 367.

Edwards, —, in Savannah, XI, 70.

Edwards, A. L., missionary, XXI, 138, 319.

Edwards, Hayden, founds Fredonian Republic, XVIII, 366, 367.

Edwards, Jonathan, on Indian missions, II, 13, 29.

Edwards, Ninian, governor of Illinois, IX, 186; town named for, 186, XXVI, 197; erects fort, 133; at Portage des Sioux, V, 222.

Edwards County (Ill.), division, X, 329, 354; seat, 325, 329; election districts, 323.

Edwardsville (Ill.), VIII, 291, X, 328; location, XIX, 60; described, X, 327, XXVI, 197-200; treaty at, X, 334; land office, IX, 186, X, 334; Flagg visits, XXVI, 12, 181.

Eells, Rev. Cushing, missionary, XXVII, 367, 368.

Eells, Myra (née Fairbank), missionary, XXVII, 367, 368.

Eells, Myron, defends Whitman, XXI, 352, 353.

Eels, lamprey, habitat, XXIX, 93; abundant, XXI, 346, 347; as food, 320; in Lake le Sel, II, 118.

Effingham County (Ill.), prairie in, XXVI, 340.

Egan, —, store-keeper, IV, 341, 343.

Egeria Park, location, XXVIII, 230.

Eggs. See Chickens.

Egin (Idaho), site, XV, 246, XXIX, 56; trading-post, V, 230.

Eglantine, abundant, XXVII, 221.

Egle, William H., *Notes and Queries*, I, 51.

Egret (white), habitat, XVI, 169.

Ehnainger, George, in Astoria, VI, 273.

- Ehrmann, —, in Economy (Pa.), XXII, 142.
- Ehsicka-Wahaddish (first man), Minitaree divinity, XXIII, 372.
- Eh-Siss (the sun), in Fort McKenzie, XXIII, 166.
- Eláh-Sa (village of great willows), Minitaree village, XXII, 357.
- El Contadero (N. Mex.), Gregg in, XX, 151.
- Elder bushes (*sambucus canadensis*), XIV, 128, XVI, 66, 244, XXII, 50, 196, XXVIII, 192, 325; flowers, XXIV, 19, 149; berries, X, 308.
- Elderstown (Md.), Woods in, X, 199.
- El Dorado, XVII, 30, XIX, 175.
- Eleagnus argentea*, observed by Bradbury, V, 158, 317.
- "Eleanor," American vessel, VI, 214, VII, 52, 59.
- Elemehumkillanwaist (Skyappe), Indian good spirit, VII, 274.
- Elephant (*mastodon*), skeleton of, XXII, 69; in hieroglyphics, XXVI, 77. See also Mammoths and Mastodons.
- Elgidonis (N. Mex.), Pattie in, XVIII, 76.
- Elgin (Oregon), railway station, XXX, 106.
- Elizabeth (Pa.), emigrant station, III, 162.
- Elizabethtown (Ill.), island near, XXII, 203.
- Elizabethtown (N. J.), capture of, XXVII, 78.
- Elizabethtown (Pa.), sketch, III, 337, 338, IV, 34, 35, IX, 64; Flint in, 66; Harris, III, 334, 370; M'Farlane, IV, 94.
- Elizabethtown (W. Va.), founded, III, 360; location, XIII, 52; Maximilian in, XXII, 147.
- Elk (*cervus canadensis*, or *major*), observed, XV, 184, 302, 307, 318, XIX, 327, XXI, 177, XXII, 297, 366, 368, XXIV, 85; habitat, III, 63, 72, 234, V, 101, VI, 68, 78, 323, 401, VII, 230, X, 274, 288, 290, XV, 235, 295, XVII, 146, XXVII, 131, XXVIII, 218, 221, XXIX, 51; herds, V, 82, VI, 106; number in, XXIII, 38; abundant, III, 192, VI, 108, 110, 247, 281, 314, VII, 131, XIII, 233, XIV, 160, XV, 186, XVI, 53, 146, 153, 244, XVIII, 56, 64, 138, 141, 333, 334, XX, 274, XXI, 74, 159, 194, XXII, 167, 178, 245, 258, 262, 295, 298, 334, XXIII, 64, 172, 174, 176, 177, 180, 182, 183, 185, 214, 215, XXVII, 183, XXVIII, 150, 191, XXIX, 253, 254, 367, XXX, 65, 106; scarce, XIV, 278, 307, 308, XV, 171, XX, 275; exterminated, XXIV, 120; tamed, XIX, 140; habits, V, 74, XXII, 339, XXIII, 176-179, 183, 184, 186, 208, XXVIII, 217; frequent salt-licks, III, 197, VIII, 271, XIV, 151; make paths, XXII, 239, XXIII, 34, 36, 63; hunted, V, 57, 70, 93, 124, VI, 109, 363, 364, XIV, 278, 289, XVI, 172, 179, 237, XVII, 154, XXII, 260, 369, 382, XXIII, 28, 30, 33, 36, 39-41, 48, 60, 64, 170, 184, 209, 216, 246, 346, XXIV, 63, 96, XXVIII, 65, 66, 69, 70, 241, 242, XXIX, 203, XXX, 63, 231; by dogs, XXII, 330; killed, XXI, 345; stuffed, XXII, 69; used as food, I, 106, XIII, 276, XV, 247, XXI, 238, XXII, 311, XXIV, 78, XXVII, 359, XXVIII, 235, 236, 261, XXX, 260; as totem, XXVIII, 366; Indians personate, XX, 62, XXI, 221; fossil remains, XIX, 132; skins, how dressed, VIII, 191, XIV, 313, XXII, 309; quality, 381; used as coverings, VI, 89, 115, XXVIII, 132; for clothing, VI, 121, VII, 104, XVIII, 138; moccasins, XIV, 196, XXII, 285, 378, XXIII, 30, 31, 101, 246; canoes, VI, 361; shields, VII, 104; article of trade, XIV, 313, XXX, 74; present, XXVIII, 240; horns, growth and size, XXII, 332, 369, XXIII, 31, 34, 180, 181, 184, XXVIII, 205; pyramid of, XXIII, 34, 35, XXIX, 366; uses, VI, 125, XX, 323, XXIII, 35, 75, 345; as ornaments, XXII, 346, 353, 389; bones, XXIII, 50; marrow, 30; sinews, XV, 77, XVIII, 164, XXII, 389; teeth, XXIII, 100, 103, 104, 262, 289, XXVII, 173; hair, XVI, 88, XXI, 122.



- Elk (Scunnionsa), a Mohawk, II, 59, 60.
- Elkton (Md.), Welby in, XII, 292.
- Ellicott, Andrew, astronomical observations, IV, 332, IX, 150, XIV, 92.
- Ellinwood (Kans.), Santa Fé trail near, XIX, 209.
- Elliot, Matthew, in Revolution, IV, 94.
- "Elliot's Diggings," lead mine, V, 251.
- Elliot, —, celebrity, XXVI, 309.
- Elliot, —, in Kentucky, IV, 178.
- Elliot, —, mine owner, V, 251.
- Elliot, —, near Pittsburg, IV, 92, 253.
- Elliott, Jonathan, editor, *American Diplomatic Code*, XI, 112; *Funding System of United States*, 112.
- Elliott, Stephen, botanist, XIII, 98, 220.
- Elliott, William, scientist, XII, 58; in Washington (D. C.), XI, 118, 123, 124, 157, XII, 55, 103, 108, 109; letters by, XI, 158; quoted, XII, 88, 106, 125, 131; with Faux, 98, 123.
- Ellis (Ellice), Nez Percé chief, with Palmer, XXX, 231; sketch, 234, 235, 238.
- Ellis, —, on Arkansas River, XIII, 170.
- Ellis, —, missionary, XXX, 240.
- Ellis, —, Mississippi planter, IV, 346.
- Ellis, Edward S., *Col. Daniel Boone*, XXVI, 215.
- Ellis, George E., *Las Casas and Spaniards and Indians*, XIX, 104.
- Ellis, Rev. J. M., founds Illinois College, XXVI, 304.
- Ellis, Jack, lawless, XI, 260.
- Ellis, Capt. Nathan, in Maysville (Ohio), IV, 202; founds town, XXII, 155.
- Ellis, Powhattan, American minister to Mexico, XIX, 274; memorial to, XX, 27.
- Ellis Heights (Miss.), IV, 346.
- Ellison, Andrew, Indian captive, IV, 10, 205.
- Ellsworth, Henry L., Indian commissioner, XXIII, 390, XXVIII, 149.
- Elm Grove, on Oregon trail, XXX, 277. See also Round Grove.
- Elm Grove (Pa.), situation, III, 348.
- Elmore County (Idaho), Camas Prairie in, XXI, 247; Palmer, XXX, 96.
- Elms, habitat, III, 79, XIV, 161, XV, 139, XVI, 239, XX, 218, 253, 255, 256; size, XII, 208, XVI, 133, XXII, 45, 145, XXIII, 354, XXIV, 124, XXVI, 111, 210, XXVII, 339, 340; abundant, XIII, 54, XV, 166, XVI, 152, 240, XIX, 209, XXIII, 234, XXIV, 22, 107, 169, 178, XXIX, 14, 93, 166; indicative of soil, XVI, 98; mistletoe on, 156; struck by lightning, XXVI, 364; uses, III, 79, XIII, 258; English and American compared, XXII, 42; two varieties, X, 306; *ulmus alata*, XVI, 128, 168; *americana* (small-leaved), V, 255, IX, 121, XIII, 90, 139, XVI, 125, 128, 137, 168; *mollifolia* (white), IX, 121; red, XVII, 115, 143; *rubra* (slippery), XXII, 167; *viscosa* (slippery), III, 229; *planera aquatica* (water), III, 53, 76, 103, XIV, 62, 90, XVII, 115; in Illinois, XIX, 61; Indiana, 71; Michigan, VIII, 221; on Missouri River, V, 43, VI, 108; in Ohio, XIX, 77; observed by Bell, XVI, 228, 229, 252; Flint, IX, 156; Franchère, VI, 375, 376; Gregg, XIX, 196; Long, XIV, 65, XVI, 125, 142; Maximilian, XXII, 42, 48, 64, 110, 148, 209, 293, 384, 385, XXIII, 138, 192, 194; Nuttall, XIII, 110, 233, 242; Palmer, XXX, 36.



- Elmwood," described by Bullock, XIX, 138, 140; home of Carneal, 133.
- Eloisa," schooner, XI, 62.
- El Paso (Tex.), origin of name, XIX, 268; location, XVIII, 75, 155, XX, 154; road, 161; public square, 155; natural features, XVIII, 155, XIX, 278, 296, XX, 157; settlements near, 152; commerce, 146; Cruzate in, XIX, 269, 270; Gregg, XX, 203; Pattie, XVIII, 14; Willard, 363. See also Paso del Norte.
- El Paso County (Colo.), XV, 305.
- El Paso County (Tex.), XIX, 279.
- El Real de Dolores (el Placer), gold mine, XIX, 304-307.
- Elsquataway, Indian prophet, XXII, 200.
- ely, —, Baptist minister, XXII, 268.
- Elymus striatus*, habitat, XIV, 128, XVI, 58.
- Emmanuel, Flathead convert, XXIX, 415.
- Emberiza nivalis*, food, XXIII, 233.
- Embree, —, in Cincinnati, IX, 176; on Arkansas River, XIII, 137.
- Embudo (N. Mex.), excavations in, XIX, 303.
- Emerson, Allen, in Wanborough (Ill.), X, 324.
- Emerson, Jesse, sketch, XI, 280.
- emetites, on Missouri River, VI, 101.
- EMIGRATION: in general, V, 272, 296-298, VIII, 56, 119, 120, 134-141, 272, 273, XI, 108, 198, XIII, 50, XIX, 38; importance, X, 9, 10; causes, III, 168, 192-194, 215, 220, 274, 297, X, 9, 23, 25, 146, XI, 9, 129, 135, 233, 234, 238, XII, 147, 148, XIX, 80, 81; inducements for, V, 295, 296, X, 192, XII, 122, 123, 246, 247, XVII, 12, 119, XIX, 58, XXIV, 124, XXVI, 14, 143, XXX, 13, 29, 87, 88, 178; aided, III, 301, XXVI, 81, XXVII, 299, XXIX, 127; societies for, IX, 55, XI, 109, 124, 162, XII, 60, 302, XXVIII, 10; restrictions on, V, 297, 298, IX, 26, 27; increase, III, 85, IX, 64, 67, 68; checked, VIII, 9, XXI, 13; directed, III, 198; statistics, IX, 68, XXVI, 10; advice concerning, V, 13, 298-314, IX, 180, 181, 189, X, 102, 135, 191, 192, XII, 107, 135, 139, 190, 246, 247, 285, 293, 294; prospects for, IX, 11, 174, 181-192, XI, 11, 15, 59, 129, 198, 231, 232, 302, 303, XIII, 235; retarded by slavery, X, 96, 97, XIX, 80; results, VIII, 119, 120, 132, 195, X, 109, XI, 230, 231, XII, 38, XXII, 234; American attitude toward, VIII, 82, IX, 64, 294, XI, 9-13, 33, 58, 115, 136, 149, 285, XII, 69, 136, XIX, 135, XXVII, 59; colonies, V, 312, 313, XIX, 51-53, XXIV, 155, XXVI, 121, 291, 307; cost, IX, 74, X, 338; methods, III, 60, 93, 166, 180, 225, 262, IV, 62, IX, 72, 86, 87, 97, 98, X, 76, XI, 171, 203, 204, 206, 230, 244, XII, 275, 279, 287, XXII, 153; land and water compared, IX, 98, XIV, 59, XXX, 216; in steerage, IX, 115, XI, 227, 230, XII, 155; by boat, XIII, 50, 195, XIX, 26, 41, 151, XXVI, 60 (see also Transportation); wagons, V, 300, 301, XI, 230, XIII, 208, 213, XXVI, 301, 356; caravans, III, 274, XVIII, 332, XXVIII, 112, XXX, 10, 11 (see also Roads: Oregon trail, Santa Fé trail; and the various expeditions); frequented routes, III, 61, 71, 159, 189, 261, 274, 334, 335, VI, 381, VIII, 57, 250, IX, 86, 97, 163, X, 191, 228, XI, 121, 171, XII, 279, 283, XIII, 65, XIV, 108, XVII, 32, XIX, 12, 23, 26, 32, 33, XXI, 36, XXVI, 69, 144, XXX, 173; equipment, V, 299, IX, 97-99, XII, 157, 158, XXVI, 43, 84; inconveniences and dangers, V, 300, IX, 77, 174, 175, XI, 15, 230, 243, 244, XII, 275, 279, 287, XIII, 50, XIV, 60, XVIII, 330, XXI, 101, XXVI, 85, 86; characteristics of emigrants, III, 269, VIII, 147, IX, 70, 73, 74, 77, X, 10, XI, 108, 110, 114-117, 124, 133, 135, 174, 268, XII, 80, 157, 259, 302, XVIII, 328, 329, XXIV, 153, XXVI, 175, XXVII, 53, XXVIII, 324, XXX, 10, 53, 66; health of, XIII, 315, XXVII, 95, XXX, 260; preponderance of

## EMIGRATION (continued)—

males, X, 336; select land, III, 279, V, 307, 309, VIII, 187, IX, 180, XI, 295, XIX, 59; secure employment, V, 304, X, 192; missions among, XXIX, 22; requirements for voting, X, 332.

*Domestic:* emigration from Eastern states, IV, 107, V, 296, VIII, 9, 10, IX, 181, X, 228, XIV, 67; New England, II, 50, V, 296, VIII, 42, XIII, 53, XIX, 29, 34, 80, XXIV, 185, XXVI, 211; Southern states, V, 296, XV, 175, XVIII, 367, XXIV, 142, XXVI, 216; Middle West, V, 272, XIII, 147, 314, XVII, 15, XIX, 32, 110, XXVII, 51, 77, 78, 93, XXX, 10, 11; advantages of Middle West, V, 296, IX, 12, X, 21, XI, 143, 295, XII, 148, 192, 239, 240, 287, XIX, 25, XXX, 10; emigration to Arkansas, XIII, 286; California, XX, 26, XXVII, 190, 197, 236, XXX, 31, 89, 250; Illinois, XIX, 56, 62, 70, XXVI, 134, 200, 310, XXVII, 51 (see also English, *post*); Indiana, XIX, 70, XXVI, 66; Kentucky, III, 17, VIII, 277, XVIII, 29, 30, XXI, 33; Louisiana, XIII, 313, 314; Mississippi, III, 254; Missouri, IV, 265, 266, V, 52, XV, 174, XVIII, 33, XXVI, 129, XXIX, 372; New York, II, 38, 39, 50; Ohio, V, 291, XIV, 67, XIX, 80-82, 137, 151, XXI, 33; Oregon, VI, 401, XIX, 189, XXI, 9-11, 24, 25, 280, 296, XXVIII, 45, 274, 275, 359, XXIX, 24, 68, 82, 280, 284, XXX, 25-311; Pennsylvania, III, 162; Tennessee, 258; Texas, XVIII, 366; of Mormons, XX, 94, XXIV, 120, XXVI, 334, XXIX, 371, 372; return East, IX, 306, XII, 211.

*Foreign:* European, V, 12, IX, 64, 105, X, 228, 237, XII, 148, 192, XIX, 26, 58, 95, XXII, 53, 61, 64, 145, 151, 153, XXVI, 165; classes of, V, 302-310; English, IX, 36, X, 179, 228, 344, XI, 9, 10, 13, 15, 101, 115, 124, 126, 139, 142, 143, 155, 158, 192, 204, 229, 288, XIII, 11; influenced, X, 145, XI, 57, 189, 238, 266, 271, 277, XII, 80, 251, XIX, 58; controversy regarding, X, 10, 11, 115, XI, 142, 211, XII, 103; advantages, X, 111, XI, 109-111, 113, 116, 120, 121, 131-133, 139, 140, 145, 147-149, XII, 88, 155; disappointments, XI, 61, 62, 111-114, 117, 121-123, 125, 127, 131, 162, 299; capital needed, 55, XII, 69; en route, XI, 132, XII, 56, 99; in Illinois, X, 9-14, 21, 101-104, 121, XII, 60; other states, XI, 55, 132, 139, 232, 263, 288; French, IV, 148, 158, VIII, 342, XIII, 63, 109, 307, XXVII, 117 (see also French: Settlements); German, III, 50, X, 316, XXII, 12, 61, 72, 74, 84, 140, 144, 145, 163, XXIV, 124, 154, 159, 187, XXVI, 277 (see also Germans: Settlements); Irish, X, 66, XI, 184, XIII, 64, XXIV, 166; Scotch, IX, 25, 26, XI, 100, XXVIII, 129; Swiss, III, 207, 209, 336, IX, 70, XIX, 42; Mexicans, XVIII, 283, 339, 367; from Canada, II, 38, 39, IX, 275, XIX, 50; to Canada, II, 44; return to Europe, IX, 226, XI, 133, 162, XII, 137, 148.

Emma, queen of Hawaii, VI, 214.

Emmett, Thomas Addis, lawyer, XI, 160, XII, 78.

Emmons County (N. Dak.), creek in, XXII, 337; Cheyenne, XXVII, 161.

Emms, —, deserts "Tonquin," VII, 58, 66, 67.

Emporia (Kans.), location, XIX, 204.

Encinillas, hacienda de, Gregg in, XX, 193.

Encrinal vertebræ, observed by Nuttall, XIII, 60.

*Encrinites*, observed by Bell, XVI, 245; Long, XIV, 81, 143, 157, 228; Nuttall, XIII, 67; abundant, XVII, 220; described, XIV, 150, 225, 226; in limestone, XXVI, 70; where seen, XIV, 171, 222, XVII, 87.

Engineer Cantonment, built, XXII, 267; wintering post for Long, XIV, 12, 13, 263, XVII, 96; expedition at, XIV, 182, 247, XV, 34, 193, 229, XVI, 50, XVII, 270; described, XIV, 229; Omaha village near, 289; fur-trade post, XVI, 48; Indians visit, XIV, 272, XV, 149, 163, 347; animals observed, XIV, 18, 167, 248, 317-328; birds, 214, 252, 255, XV, 325; fossil, XIV, 224; astronomical observations, XVII, 258, 262; meteorological, 272, 287; horses escape from, XV,

203; dinner party at, XIV, 280; Graham, 18; James, XV, 188; Jessup, XIV, 249; Long, 249, XV, 188, XVII, 249; O'Fallon, XV, 110, 146; Swift and Say, XVI, 263.

Engineers, I, 107, VI, 313; as guides, XV, 133; United States corps, XIV, 41, XV, 140; civil, XVIII, 291; military, XIV, 11; railway, XVI, 34; steamboat, XXVI, 45; topographical, XII, 108, 109, XIV, 11, 25, XV, 166, 190, XVII, 256; map of, XXII, 239; English, III, 73, IV, 252; French, XXVII, 82, 86; estimate Ohio River, XXI, 39; at special places, IV, 332, XX, 175, XXI, 24.

England, Col. —, British officer, II, 57.

Engle, William, Oregon emigrant, XXX, 161.

ENGLISH: at home — size of Great Britain, XXI, 25; climate, X, 121, 182, XI, 51, 53, XIV, 70; natural features, X, 205, 206, 210, 215, 291, XI, 217, 284, XIV, 70, XIX, 150, XXVI, 302, 345; king, XII, 124; statesmen, VIII, 121, XI, 55, XII, 23, 44; bank and debt, X, 146, XI, 90; land policy, 180, XII, 207; lawyers, IX, 195; jurisprudence, XII, 61, XIX, 105; corn laws, IX, 266; game laws, X, 340, XI, 143; excise, V, 300, IX, 33, X, 341; philanthropy and crime, IX, 202, XI, 135, XXVI, 260 (see also Crime); slavery policy, IX, 10, 11, 140, 142, 144, 145, XII, 289, XIX, 105, 106; religious methods, X, 160, 193, XI, 115, 131, XII, 123, XXI, 30; diseases, X, 122, 163; commercial policy, IX, 106, 205, 275, 316, XXVII, 50; effect of Napoleonic wars, X, 9; economic conditions, IX, 12, 62, X, 23-29, 133, 135, XI, 9, 113, 114, 119, 160, 289, XII, 104, 106, 112, 120-122, 247; agricultural, VIII, 144, IX, 31, 60, 254, X, 9, 102, 138, 142, 144, 282, 283, 286, XI, 113, 115, 116, 124, 125, 138, 141, 155, 177, 187, 215, 227, 234, 238, 248, XII, 57, 94, 100, 259, XXIX, 62; Americans dependent on, XII, 24; manufactures, IX, 135, XII, 119, XVIII, 282, XIX, 257; mechanics, XI, 105, 119, 292; wages and expenses, X, 77, 192, XI, 113, 141, 255, XII, 104; prices, IX, 31, 227; pauperism, 229, X, 9, 105, 134, 146, 351, XI, 96, 188, 265, 279, 303, XII, 59; surplus population, 104, 155; emigration, IX, 26, XII, 136 (see also Emigration); French prejudice, VIII, 25, XVI, 279; war with France, VIII, 29, XXI, 22; Russia, XXIX, 53, 131; Spain, VI, 186; claim Oregon, XXIX, 39, XXX, 29; characteristics, VIII, 358, IX, 292, 293, X, 94, 95, 262, XI, 15, 76, 126, 134, 234, 290-293, XII, 55, 120, 283, XXI, 24, 25, 27, 67, 69, 236, XXX, 202; land cession from France, XXVI, 146; French subjects loyal, IX, 331; Natchez loyal to, III, 254; relations with United States, VII, 162, 216, XII, 28, 31, XVI, 274, XIX, 78, 79, XX, 136, XXIX, 53 (see also Treaties, and Wars); compared with United States, IV, 91, V, 287, IX, 12, 49, 50, 64, 172, 174, 202-205, X, 25-27, 91, 92, 154, 189, 192, 262, 335, 336, XI, 188, 227, 255, 256, 289, XII, 58, 62, 90, 91, 102, 292, XIX, 139; dress, XII, 218; individuals in England, IX, 36, X, 11, 23, 48, 89, 179, 181, 212, 261, XI, 13, 68, 83, 88, 102, 126, 189, 215, 252, 264, 272, 287, 288, 301, XII, 31, 36, 59, 73, 115, 251, XIX, 13, 119, 135, 140, 154, XXI, 342, XXII, 40, XXVI, 193, XXIX, 118, 119; curios in, XI, 263, XXII, 156; Americans in, IX, 49; national air, XII, 317; house of commons, 118.

*On the Seas:* navy, XII, 86, XIX, 165; ships of war, VI, 197, 296, 299, VII, 217, 237, 244, 245, 248, VIII, 40; squadron, IX, 315; whalers, VI, 299; vessels, 406, 407, VIII, 36, 37, 241, 362, X, 182, 183, XI, 34, XVIII, 319, XIX, 119, 122, XXI, 361; in harbor, VI, 203, 204, 215, VII, 59, VIII, 30; seamen, IV, 310, VI, 195, 198, VII, 58, 88, X, 243; impress Americans, VI, 197, 198, VIII, 37; trade with United States, III, 203, 205, 270, VI, 300, IX, 58, 59, 241, XI, 139, XII, 66, 106, XIX, 34, XXVIII, 321, XXIX, 24; traders, VI, 193, 386, XXI, 9; prices, X, 130, XI, 47, 118, 124, 261, 292, XII, 234. See also Commerce, and Fur Trade.

*In America:* explorers and colonizers, I, 305, II, 43, 44, V, 100, VI, 185, 186, 382, VII, 36, IX, 145, XI, 57, XX, 296, XXIV, 160, XXIX, 75, 145; in Ohio Valley, I, 12, 57, 72, 85, 92, 93, 100, 104, 137, 144, 145, 216, 217, 223, 251, 272; Mississippi Valley, VIII, 350, XXVI, 143; Northwest Territory, I, 78, 117, XXVII, 93; on Northwest Coast, VI, 173, 234, 253, 255, 282, 294-296, 301, 302, 316, 405,

ENGLISH: *In America* (continued) —

VII, 13, 37, 139, 248, 250, XXI, 314, XXVIII, 9, 32-38, XXIX, 23, 24, 41, 57, 61, 193, XXX, 286, 305; battle with Spanish, XVI, 162; French surrender to, I, 138, 146, 159, 166, 173, 327, III, 71, 72, IV, 89, XXI, 37, XXVI, 148, XXVII, 50, 77, XXIX, 215; English posts, I, 55, 56, 118, 141, 181, 192, 251, 269, III, 71, V, 157, VI, 241, 377, VIII, 45, 182, 207, 229, XI, 53, XXI, 25, 330, XXIV, 136, XXVI, 48, XXIX, 254, XXX, 208, 210; Northwest surrendered to United States, I, 117, VIII, 207, 229; in French and Indian War, I, 49, 50, 84-125, 185-288, II, 45, 48, IX, 27, X, 218; in Revolution, II, 185-191, IV, 27-30, 343, VIII, 115, 285, XI, 76-78, 82, 131, 132, XVIII, 29, XXIV, 156; in War of 1812-15, VI, 17, 298, VII, 248, VIII, 9, 44, 81, 82, 118, 160, 166, 171, 175, 200, 204, 207, 210, 212, 219, 224-227, 240, 349, X, 189, 190, XI, 149, XII, 108, 290, 303, XV, 114, XVIII, 32, 33, XIX, 121, XXI, 122, XXII, 44; prisoners among, I, 192, XII, 70, 71; boundaries of territory, V, 235, VIII, 10, XIX, 142, XXIII, 253, XXIX, 182.

*Emigration to United States:* V, 291, IX, 36, 252, X, 145, 191, 288, 344, XI, 9, 105, 109, 125, 126, 129, 132, 133, 160, 238, 244, XII, 53, 56, 60, 69, XIX, 13, XXVI, 9; return, XI, 133, 162, 198, 214; prospects for, X, 12, 41, 154, 155, XI, 11, 15, 59, 110, 129, 198, 231, 232, 263, 295, 302, 303, XII, 295, 296; advice upon, V, 13, XI, 109, 162, XII, 93, 94; assistance, XI, 10, XII, 302; English attitude, IX, 63, 64, 172, X, 145, XI, 9, 10, 115, 222; effect of climate on, XII, 164; characteristics of emigrants, X, 10, XI, 111, 124, 132, 211, 267, 268, 295, XII, 58, 59, 69, 252; American attitude toward, IX, 295, X, 196, XI, 14, 59, 115, XII, 88, 89, 191, 232, 279; adopt customs, X, 236; lonely, XII, 100, 101; compared with other emigrants, I, 303, III, 152; English capitalists, XI, 10, 160, 161, XII, 60, 120, 121, XXII, 250; laborers, IV, 147, IX, 43, X, 187, 192, XI, 113, 117, 214, 278, XII, 95, 103, 155, 203; settlements on Arkansas, XIII, 135; in Florida, IV, 336-340, 359; Illinois, IX, 71, X, 9-15, 21, 89, 100, 104, 126, 133, 136-148, 153, 161-165, 196, 254, 256, 271-274, 321, XI, 193, 247, XII, 251, XIX, 43, XXVII, 79 (see also *English Prairie*); Indiana, X, 321, XI, 225, 240, 242; Kentucky, X, 229, 242, XI, 188, 189; Mississippi, III, 254, 317, 322, 348, IV, 287; visitors, attitude toward United States, IX, 9, 48-50, 143, 144, 237, X, 13, 14, 32, XI, 9-13, 59, XII, 45, 132, 341, XXI, 36, 44; relation with Federalists, XI, 58; officials, X, 38, XI, 93, 122, XII, 106, XXII, 66; letters, X, 351, XI, 272; travellers in Alabama, XII, 75; Illinois, III, 69, IV, 266, IX, 190, X, 254, 258, 329; Indiana, IX, 198, X, 196, XI, 216, 292, XXII, 179; Ohio, IV, 242, IX, 225, X, 223, 237, XI, 269, 297, XXIV, 143; Pennsylvania, IV, 30, 52, 87, XI, 108, 120, 160, XII, 66, 202, XXII, 64, 78, 135; Virginia, XI, 131, 157, XII, 126; Washington (D. C.), XI, 113, 118, 124, 129, XII, 62; miscellaneous, IV, 361, 362, V, 9, VI, 51, 253, 392, IX, 46, 188, X, 200, XI, 48, 90, XIII, 360, XIX, 122, XXI, 9, 197, XXII, 374, XXIV, 173, XXVI, 57, XXVII, 30; in Mexico, XVIII, 27, 310, 311, 320-322, 371, XX, 22, 186, 225; California, XVIII, 289, 291-294.

*Relations with Indians:* I, 19, 51, 53, 55, 90-95, 115-118, 156, 162, 193, 194, 197, 198, 204, 213-216, 257, 278, 284-288, 295, 301, 310, II, 59, III, 225, VIII, 9, 219, 222, XIII, 183, XXI, 30, 58, XXII, 226, XXVI, 149, XXVII, 47, 66, 68, XXVIII, 117, 118; contrasted with French, I, 159, 160, 209; allies, 47, 49, 53, 54, 72, 74, 75, 111, 195, 242, 320, VIII, 180, XXII, 96, XXIV, 163, 175, 176, 186, XXVII, 90; prisoners among, I, 20, 85, 86, 199, 201, 208, 226, 247, 258, 312, 316; relations with Abenaki, XXVII, 66-69; Cherokee, I, 238, 251; Chickasaw, XIII, 362; Cree, XXVIII, 152; Huron, I, 308; Illinois, XXVI, 123; Mohawk, VIII, 184, XXIV, 186; Natchez, XIII, 179; Osage, XVI, 278, 279, XVII, 19; Ottawa, I, 105; Shawnee, 23; Sioux, XXII, 342 (see also *separate tribes*); with individual chiefs, I, 24, 28, 31, 32, 85, 163, 186, 211, V, 227, VII, 247-249, XVIII, 31; Indians visit England, XXI, 59.

*Language:* alphabet, XXX, 235; spoken by French, XIII, 81, XIX, 59, 122; Germans, X, 55, XII, 266, 267; Spanish, XVIII, 159; Indians, XX, 103, XXIX, 22, 66, 153; Pueblos, XX, 61; taught in schools, XXII, 85; Indians addressed in, XXVII, 138; prayer-books in, 388; treaty with Indians,



XXIV, 50; translations, XIV, 78, XVIII, 370, XIX, 17; publications, IX, 29, 43, 57, 137, 295, X, 35, XI, 11, XIV, 155, XVIII, 28, XIX, 132; geographical nomenclature, VI, 377, XXIX, 32.

*Societies*: learned, II, 22, XIII, 26, XIX, 14, XXVII, 114; horticultural, XIX, 14.

English, William, *Conquest of Northwest*, VIII, 279.

English Prairie (Boltinghouse, Boulton House), original name, X, 270, XI, 16; location, 270, 271, 330, 333; described, XII, 248-260; climate, X, 335, 336, 348; unhealthfulness, 256, 259; natural features, 203, 244, 281-293, 302-304; quality of soil, 309; agriculture, 14, 163, 164, 203, 280, 293-306, 349; water supply, 336, 350, XII, 249, 250; advantages and disadvantages, X, 320, 321, 342, 349, XI, 244, 255, XII, 251, 258; for investment, 292; manufacture, 255; distance from market, X, 327, XII, 257; settlements, X, 9, 11, 254, 271, 272; population, 104, 311, 350, XII, 254; religious observances, X, 318, 319, XI, 228; letters from England, 233; Faux in, 13, 252; Flower, X, 49, XI, 252; Welby, 16, XII, 240, 248; William Wood, XI, 252; John Woods, X, 13, 179, 254-261, 320. See also Albion.

Enkasaba Indians, Omaha band, XV, 116, 117.

Eno, —, tavern-keeper, XI, 133.

Ensyla (Insula, Red Feather, Little Chief, Michael), Flathead chief, piety of, XXVII, 132, 147, 327, 353; betrayed by Bannock, 328.

"Enterprise," sketch, IX, 154; Thorn on, VI, 194; Shreve, XXVI, 57.

*Entrochites*, observed by Nuttall, XIII, 143.

Eoff, —, farmer, IV, 23, 235.

"Ephraim," grizzly bear, XXI, 206.

Ephrata (N. Y.), Dunkers in, I, 62, 63; Eckerlin, 62; Seventh Day Baptists, 19; Weiser, 19.

Ephrata (Pa.), Dunkards in, XII, 206.

*Epidote*, observed by Nuttall, XIII, 36.

*Epigea repens*, III, 47, 100, XIV, 61.

Epinette de prairie, abundant, XXIII, 63.

Epinette Indians, tribe of Chippewa, II, 134.

Episcopalians, I, 182; character of clergy, X, 92, 93; in Illinois, 161; Kentucky, IV, 183, IX, 132; Louisiana, XIII, 316; New York, XIX, 149; Ohio, IV, 107, 110, 216; Oregon, XXIX, 118; Pennsylvania, III, 342, IV, 31, 48, 84, 249, 254, IX, 54; South Carolina, XI, 72, 120. See also Churches, Clergymen, and Missions.

Episingle Indians, French allies, XIII, 361.

Equality (Ill.), salt-works near, XXII, 201.

*Equisetum* (Fr., *prêle*), III, 80; *hiemale*, XIV, 140, 141.

Erhart, —, on Grand River, XIII, 242.

Erie (Cat) Indians, habitat, VIII, 184.

Erie (Pa.), site, I, 101, III, 339, VIII, 243, XXVII, 74; Evans in, VIII, 244; Flint, IX, 315; Perry, VIII, 240; Wayne, 243.

Erie County (N. Y.), boundary, XXIV, 164, 165.

Erie County (Ohio), Croghan in, I, 109; Flint, IX, 298.

Erie County (Pa.), seat, III, 339.

Erie Railway, stations, XXIV, 178.



- Erigeron*, *cænotus*, XIII, 78; *canadense*, III, 30, XIV, 156; *divaricatum*, V, 320; *hirsutum*, 320; *pumilum*, XV, 233.
- Eriogonum*, XIII, 158, 273, XVI, 71; *pauciflorum*, V, 318; *sericeum*, 318, XV, 281.
- Eripuass. See Rotten Belly.
- Erismatholithus tubiporites (catenatus)*, XIV, 224.
- Ermatinger, Charles, at Sault Ste. Marie, VI, 395.
- Ermatinger, Francis, at Fort Hall, XXVII, 235, XXVIII, 302, 343; Waiilatpu, 341; kindness to missionaries, XXVII, 274, 323, XXVIII, 342; De Smet meets, XXIX, 262; sketch, XXVII, 235.
- Ermines, habitat, XIII, 262, XXIX, 51; numerous, XXII, 168; scarce, XXIII, 101; snared, XXIV, 45; as food, XXIII, 277; skins as ornament, XXII, 389, XXIII, 100, 101, 103, 158, 354, 369, XXIV, 52; prices, XXIII, 289, XXIV, 45; tails as amulet, XXIII, 389.
- Erium multiflorum*, V, 319.
- Eryngium aquaticum*, XIII, 110.
- Eryngo*, purple procumbent, XVI, 144.
- Erysimum lanceolatum*, V, 319.
- Erythronium*, III, 98, 99; *dens-leonis*, 54.
- Escudero, José Augustin de, *Noticias Historicas*, XIX, 175.
- Eshelman, —, murdered, IV, 35.
- Esquimos, significance of name, II, 223; habitat, VIII, 274; dwellings, XXIII, 104; boats, 279; customs, 160, 320, 321, XXIV, 70; dogs, XXIII, 274; value seals, XXII, 382; mission among, I, 178; vocabulary, II, 223.
- Espejo, Antonio de, in cañons of Colorado River, XVIII, 137.
- Espy, James Pollard, theory of artificial showers, XX, 116, 117.
- Essenbeck, President Nees von, botanist, XXIV, 326-344.
- "Essex," American frigate, VI, 300, VII, 250.
- Estevan, Don Thomas, in New Feliciana (Fla.), IV, 336.
- Etalapass, Indian divinity, VI, 334, XXVII, 301, XXIX, 373.
- Etaminagechisssha. See Ita-Widahki-Hisha.
- Etaminuas, Indian priests, VII, 110.
- Etholin, Adolphus, Russian governor, XXIX, 100.
- Etoway, divinity of Sandwich Islanders, VI, 224, 225.
- Eufaula, Creek town, site, XX, 102.
- Eugene, Flathead convert, XXIX, 418.
- Eugene (Oregon), site, XXX, 167.
- Eulachon (*thaleichthys pacificus*), XXIX, 148.
- Eupatorium*, XIII, 229, XXII, 84, XXVI, 287; *altissimum*, V, 320; *aromaticum*, III, 36; *cuneifolium*, XIII, 244; *hieracifolium*, XIV, 156; *perfoliatum*, III, 29; *purpureum*, XIV, 156.
- Euphorbias*, III, 41, XVI, 71.
- Eutaw Indians. See Ute.
- Evans, —, in Natchez, IV, 311, 348.
- Evans, —, tavern-keeper, XII, 283.

- Evans, Estwick, reason for tour, VIII, 102; equipment, 103; dogs, 115, 128, 130, 132, 153, 156, 183, 192, 197; dress, 122-124; in New Hampshire, 104-110; Vermont, 110-118; on Western turnpike, 131, 132; among Indians, 149-158, 204; at Niagara, 159, 164-166; Detroit, 215-223, 237, 238; excursion from, 227-236; on Lake Erie, 187-190, 239-243; at Pittsburg, 248-255; in Kentucky, 275-283; Indiana, 283-290; Tennessee, 303-308; Missouri, 96, 98, 308-310; Gulf of Mexico, 356-361; Atlantic, 361-364; adventures, 104-107, 111, 128, 129, 155, 156, 196, 197, 201-204; describes deer hunt, 295, 296; battles, 212-214; privations, 103, 105, 106, 125, 126, 150, 184, 187, 190-192, 198, 199, 208, 318; visits Pinckney, 159; Wilkinson, 349; philosophy of, 101, 102, 112-115, 121, 133-147, 160-162, 167-174, 210-212, 259, 342, 343, 357, 358, 362, 363; censures government, 225, 352-355; sketch, 11-13, 129; *Pedestrious Tour*, 91-364; cited, IX, 120, 188, XI, 132, XII, 213, XIX, 36, 38, 42, 43, 72, 148, 149, XXII, 177, 191, 221, XXIV, 162, 163, 165, 166, 169; portrait, VIII, 94.
- Evans, Isaac, founds town, XXIV, 153.
- Evans, Dr. John, describes bad-lands, XXIV, 91.
- Evans, Lewis, map, I, 106.
- Evans, Oliver, inventor, IV, 339.
- Evans, Gen. Robert M., founds Evansville, X, 45, XI, 281, XIII, 70.
- Evans, William L., *Military History of Green Bay*, XXVI, 138.
- Evansburg (Ohio), Maximilian in, XXIV, 153.
- Evansville (Ind.), site, XII, 11, XXVI, 65; described, X, 251, XI, 292; unhealthful, 236; celebration at, 298; canal passes, XXVI, 66; English emigrants in, X, 196, 321, XI, 292; Robert Evans, 220; Hulme, X, 45; Maximilian, XXII, 161; Nuttall, XIII, 70; Simpkins, XI, 252; Williams, 282; population, X, 45.
- Eveleth, Lieut. William S., portrayed by Evans, VIII, 233.
- Everett, Edward, reply to English critics, XI, 136; address to Congress, XII, 54; described by Faux, 54, 55.
- Everett, John, in St. Philippe (Ill.), XXVII, 93.
- Everett, William, drowned, XX, 97.
- Everett (Pa.), site, XII, 192.
- Evergreens (*conifera*), IV, 129, XV, 291; observed by Bullock, XIX, 129; Farnham, XXVIII, 196, 310, 356, 369, 375; Flint, IX, 317; James, XVI, 15; Nuttall, XIII, 40; habitat, IV, 250, VIII, 184, XVI, 25, XVII, 16, XVIII, 337; abundant, XXIX, 44, 50; scarce, IX, 152, XIII, 115, 149, XXII, 165; as decoration, XXVI, 175; in Indian folk-lore, XXIII, 392.
- Evolvulus nuttallianus*, XV, 241.
- Evonimus, americanus*, III, 42, 59; *capsulis glabris*, 32; *latifolius*, 59, 176.
- Ewing, Gen. Hugh B., in War of Secession, XXVI, 97.
- "Experiment" (Mo.), settlement, XIV, 151.
- Eysimachia ciliata*, observed by James, XV, 288.
- Eyuck Whoola, on Vancouver Island, VII, 165.
- FABRICIUS, CHRISTIAN, killed by Indians, XII, 46, XXII, 125.
- "Factor," Welby on, XII, 339, 340.
- Fænum græcum*, roots as ornaments, XXIII, 100; price, 100.

*Fagus, castanea americana*, III, 28, 47, 59, 65, 83; *chinquapin*, 47, 49; *pumila*, 28, 59; *sylvatica americana*, 30, 47, 65, 66, 90, XVII, 87.

Faincaut, —, on Cowlitz Prairie, XXVII, 386.

"Fair American," American vessel, VI, 214.

Fairbank, Myra. See Eells, Myra.

Fairfax, Ferdinand, character of, XII, 131; letter by, 123.

Fairfax, Thomas, sixth Baron, XII, 131; in Virginia, I, 94, III, 49, XI, 130; character, XII, 131; wife, 130.

Fairfax County (Va.), Mason in, XX, 107.

Fairfield (Ill.), seat, X, 329, XXVI, 247.

Fairfield (Va.), McDowell in, III, 48.

Fairfield County (Ohio), canal in, XXIV, 151; Flint, IX, 298.

Fairmount (Pa.), water-works in, XXII, 63, 65, 123.

Fairport (N. Y.), location, XXIV, 178.

Fairport (Ohio), lake-port, XXIV, 160.

Fairview (Ohio), tavern in, X, 76.

Falcons, habitat, XXII, 243, XXIII, 250; numerous, 179; wintering place, XV, 325; *falco cyaneus*, XXIV, 99; *furcatus*, XV, 318, 325; *haliatus*, XIV, 100; stone, XXIII, 250; observed by Maximilian, XXII, 299.

Fall Indians. See Grosventres.

Fallen Timbers, battle of, I, 134, 151, III, 157, IV, 94, VIII, 78, 84, 120, 207.

FALLS —

Amberson, location, VIII, 246.

Bridal Veil, beauty of, XXVIII, 377.

Caldron (Chaudière). See Kettle, below.

Canadian River, described, XVI, 174, XVII, 215; geology, 218, 224.

Catfish, location, VIII, 246.

Cedar Rifts, described by Flint, IX, 325.

Clark's River, XXVII, 366, XXIX, 296.

Columbia River, XXI, 285; as a boundary, XXIX, 80; Cascades, XXX, 134; Great Dalles, XXVII, 374, 375; described by Farnham, XXVIII, 354; Townsend, XXI, 290, 291; Wallawalla at, XXVIII, 360; Wyeth, XXI, 320.

Deshutes River, height, XXX, 118, 119.

Des Moines, length, XVII, 178; "Western Engineer" at, 97.

Fishing. See Salmon, below.

Fraser's River, XXIX, 81.

Genesee River, XXIV, 178.

Grand, adapted to mills, XIII, 236.

Great (Kakabeka), described by Franchère, VI, 385.

Horsetail, beauty of, XXVIII, 377.

Kettle (Caldron, Chaudière, Ilthkoyape), VI, 398; location, 346, 383, XXVII, 375; country described, XXIX, 39; as a boundary, 40; portage, VI, 346; dalles near, XXIX, 272; salmon fishing at,

93, 186; fort near, XXI, 344, XXVII, 330; Astorians at, VI, 347; De Smet, XXIX, 186, 191; Fran-  
chère, VI, 346, 398; Stuart, 349; Indians, XXVII, 319.

Kootenai, site, XXIX, 202.

Latourell, beauty of, XXVIII, 377.

Le Tart's, IV, 139, 141, 156, XVII, 174; Nuttall at, XIII, 56; Woods, X, 225.

Martin's, origin of name, XXIX, 268.

Missouri River, XXIII, 92; sandstone, XVII, 204; height, XXVII, 225; grandeur, XXVI, 267;  
portage, XXVIII, 110; Indians, XXIII, 164.

Montgomery, location, VIII, 246.

Montmorenci, described, II, 34, 35.

Multnomah, described by Farnham, XXVIII, 377.

Niagara, IX, 284; location, VIII, 246; as a barrier, XXVII, 109; how formed, XXIV, 164; de-  
scribed, II, 35, 49, 50; sublimity, IX, 321, XXVI, 122, 267, XXVIII, 223, 372; comparison with Sho-  
shoni, XXX, 92; emotions caused by, XXVI, 221; abrasion, VIII, 177, XXVII, 111; portage, VIII,  
159, IX, 316; traditions, VIII, 177; visited by tourists, XXIV, 161; Tuscarora near, 173; Lewis-  
ton, XVII, 251; described by travellers, XXIV, 165, 166; Bullock, XIX, 115, 119, 143, 144; But-  
trick, VIII, 43; Evans, 118, 134, 167, 174-176, 179, 181; Faux, XI, 158; Flint, IX, 317-320; Henne-  
pin, XIX, 49; Kalm, 49; Maximilian, XXII, 17, XXIV, 166-174; *Northern Traveller*, XIX, 144-  
148; Palmer, XXX, 90; Porter, VIII, 178; Welby, XII, 270; plan of, XXIV, 169.

Ohio (at Louisville), IX, 156, 160, XI, 196; location, VIII, 257; described, XIV, 71, 72; chutes,  
XXVI, 47; as a boundary, XIV, 91, XVII, 89, 245, XIX, 67, XXVI, 82; navigation on, XVII, 174,  
XXI, 42, XXII, 158; method of passing, X, 244; canal, XIII, 66, XIV, 72, 73; settlement on, IV,  
259, XXVI, 48; scientific observations, XIV, 77, 79-81; New Albany on, XIX, 41; Jeffersonville,  
71; "Western Engineer," XVII, 88; Clark at, XVIII, 30, XXVI, 48; Croghan, I, 136; Flag,  
XXVI, 48-51; Flint, IX, 286, 287; James, XVII, 91; Nuttall, XIII, 66; Taylor, XII, 222; Welby,  
227; Woods, X, 242, 247.

Ohiopyle, significance of name, III, 333.

Parry's, roaring of, XXIV, 169.

Passaic, described by Welby, XII, 167.

Patterson, location, VIII, 246.

Pawtucket River, XXII, 52.

Potomac, described by Faux, XI, 142.

Récollets, in French River, VI, 397.

Richelieu, described by Flint, IX, 329.

Rochester (N. Y.), observed by Bullock, XIX, 152.

St. Anthony's (at Minneapolis), origin of name, XXVI, 108, XXVII, 38; location, VIII, 235, XXVI,  
110; discovered, VIII, 280; as a boundary, 235, XXVI, 93; Indians at, XXVIII, 153; military  
post, IX, 188; Evans at, VIII, 223; Hennepin, XIX, 47; Flint, IX, 325.

St. Louis, La Chine on, IX, 326.

St. Mary's, situation, VIII, 233, 235.

Salmon (Fishing), Palmer's party at, XXX, 93, 247.

Schuyllkill, XI, 107.

Shoshone, Farnham at, XXVIII, 312, 313; height, XXX, 92.

Silver Creek Hills, IX, 284.

## FALLS (continued)—

- Snake River, XXI, 255.  
 Solomon Creek, XXII, 113, 114.  
 Spokane, VII, 211, XXIX, 302.  
 Teconet, in Queen Anne's War, XXVII, 66.  
 Thicket, Flint on, IX, 325.  
 Tournhout-torrent, described by De Smet, XIX, 302.  
 Trou, Flint on, IX, 325.  
 Twin, described by Farnham, XXVIII, 313.  
 Verdigris, described by Nuttall, XIII, 235, 236, 281; Indian council at, 191; geological formation, 237.  
 Webber's, location, XIII, 233.  
 White River, XI, 203.  
 Willamette, discovery, XXI, 301; Townsend at, 301, 302; Farnham, XXIX, 14-16, 27, 28; Palmer, XXX, 157; Spaulding, 296; salmon in, XXI, 319; as mill-site, XXIX, 15, XXX, 165, 166; mission at, XXIX, 97, 127, XXX, 156; population, XXIX, 98.  
 Yosemite, magnificence of, XXX, 92.  
 Young's, described by Palmer, XXX, 198, 199.  
 Falls City (Pa.), water-power, III, 333.  
 Fancher, Sylvanus, presents vaccine virus, XV, 202.  
 Fandango, Spanish dance, XVIII, 167, 168, XIX, 254.  
 Fannetsburg (Pa.), III, 141, 370, IV, 55; thermometrical observations, III, 374; Harris in, 321; population, 141, 321, IV, 55.  
 Fans, feather, X, 193, XXIV, 47; eagle wings, XXII, 346, 356, 371, 389; ornament, XXIV, 47; article of trade, XI, 47, XXII, 68.  
 Far West (Mo.), founded, XX, 98, XXVIII, 18, 47, 50.  
 Fargo County (N. Dak.), drainage, XXII, 282.  
 Faries, Hugh, commands Fort George, XXIX, 276.  
 Farmer, Maj. Robert, in Fort Chartres, XXVII, 78; Mobile, I, 147.  
 Farmer, Silas, *Detroit*, I, 120.  
 Farmer's Castle (Ohio), Lincoln in, IV, 125.  
 Farmers, characteristics, V, 303, IX, 94, 122, 219, 234-236, X, 144, XI, 142, 223, 237, 300; land-owners, IX, 36; social status, XI, 190; prosperity, IX, 87, 88, XI, 152, XII, 168, XIII, 60, XVIII, 344; poverty, XI, 115, 116, XIII, 51, 58; advantages, V, 286, X, 101, 102, XI, 139, 142, 219, XII, 293, XXVII, 59; disadvantages, XII, 293; hire laborers, XI, 291, XII, 16, 22; taxes, XVIII, 354; losses, XII, 67; Dutch, X, 144, XI, 153; English, X, 9, 120, XI, 57, 126, 258, 289, XII, 103; in United States, X, 21, 137, 144, XI, 57-59, 110, 117, 140, 256, 263, 269, XII, 155; compared with American, X, 102, 103, 155; German, XI, 154, XIII, 167; emigration, IX, 25, XXI, 31, XXIX, 127, XXX, 10, 11; in Connecticut, XII, 74; Illinois, X, 14, 144, XI, 265, XXVII, 43; Indiana, XI, 206, 239, 248; Long Island, IX, 35-37; Maine, XI, 60; Maryland, 118; New Mexico, XVIII, 340; Oregon, XXVII, 386, XXIX, 65, 66, XXX, 180; Pennsylvania, XI, 133, 160-162, XII, 22, 45, 93, 100; on Arkansas River, XIII, 101; Mississippi, XI, 39; Missouri,



XIV, 128, XXIII, 218; among Indians, XXVIII, 144, 148, XXX, 237, 240; Indians as, XVIII, 360, XIX, 150, XXIV, 183; as inn-keepers, IX, 117, XII, 18; advice to, V, 309. See also Agriculture, Frontiersmen, Haciendas, and Planters.

Farmington (Conn.), Harris in, III, 370; Indians, VIII, 127.

Farmington (Pa.), X, 213.

Farnham, Eliza Woodson, philanthropist, XXVIII, 14.

Farnham, John H., describes Mammoth Cave, IX, 281.

Farnham, Russell, Astorian clerk, VI, 194, VII, 41, 51; at Astoria, VI, 274; expedition to interior, 272, 273, VII, 186, 210, 211; pursues deserters, VI, 261-264; with Stuart, VII, 188; Clarke, VI, 277, VII, 208; on "Pedlar," VI, 316, VII, 264; story, VI, 405, 406; sketch, VII, 186.

Farnham, Thomas Jefferson, expedition organized, XXVIII, 10, 54, 98; number, 10, 12, 45, 68, 83, 173, 277, 378; supplies and equipment, 10, 11, 45, 46, 52-56, 59, 62, 63, 66-70, 72-74, 78-80, 103, 105, 106, 182-184, 186, 191, 192, 198-204, 206, 207, 211, 219, 226, 228, 231, 235, 236, 239, 240, 242, 244-247, 249, 259, 277, 281, 284, 285, 301, 308, 315-317, 323, 325, 326, 346, 360, 374; at rendezvous, 45-47; across Kansas, 52-79; with Santa Fé traders, 80-82, 93-99; party troubles, 11, 58, 90, 97-100, 104; disbanded, 91, 107; at Bent's Fort, 107, 161-173; crosses Rockies, 173-250; at Fort Crockett, 251-260; party divides, 276; across to Fort Hall, 278-302; Fort Hall to Boise, 303-321; Boise to Wailatpu, 321-332; with Whitman, 332-346; down Columbia, 367-380; at Fort Vancouver, 380, XXIX, 62, 63; in Willamette Valley, 19-26; departure for home, 25, 26; up Columbia, 67; hardships and losses, XXVIII, 12, 55, 68, 69, 72, 73, 77, 92, 93, 96, 187, 188, 191, 195, 198, 200, 212, 235, 242, 247, 258, 259, 276, 277, 314, 318, 327, 349, 350, 360, XXIX, 27; illness and accidents, XXVIII, 12, 74, 173, 188, 194, 242, 243, 301; trail lost, 13, 77, 94, 318; meets trappers, 228, 229, 235, 236, 240, 241; guide, 11, 12, 277, 308, 309, 329, 353; fording rivers, 72, 73, 78, 79; view of Rockies, 194, 226, 346; Indian alarm, 12, 74, 81, 91, 241, 298; among Bannock, 319, 320; Chinook, 360-364; Kansa, 64, 65, 85, 89; Pawnee, 81, 82; Shoshoni, 316, 317; Wallawalla, 355; meets Gordon, 287; Johnson, XXIX, 17; McLoughlin, XXVIII, 374, XXIX, 63; petition to Congress, XXVIII, 13, XXIX, 23, 24; sketch, XXVIII, 10-14; *Travels in the Californias*, 13; *Travels in Great Western Prairies*, 47-380, XXIX, 1-102; cited, XX, 138, XXIX, 116, 120, 127, 132, 145, 149, 252, 256, 267, 274, 278, XXX, 10, 96, 99, 100, 159, 163, 169, 191, 192, 196, 199, 212, 213, 232.

Farragut, Admiral David J., in War of Secession, XIX, 121.

Farrand, Livingston, *Basis of American History*, XXIII, 278, 300.

Farwell, —, with Palmer, XXX, 149, 154.

Fasciolites, XIV, 227.

Fathom-fish. See Candlefish.

Faucetstown (Ohio), described, IV, 103.

Faulkner County (Ark.), Cadron settlement in, XIII, 156; mills, 169.

Faux, William, passport, XII, 106; miles travelled, 79; dress, XI, 304; accident, 173; annoyances, 35, 36, 40, 41, 43, 49-51, 64, 84, 86, 88, 89, 130, 212, 298; in snow storm, XII, 21; illness, XI, 169; hunting, 174; at dinner party, XII, 109; anecdote, XI, 48; denies insinuations, XII, 59; law suit, XI, 121; present to, XII, 73; letters of introduction, XI, 65, 66, 107, 210; letters by, 37, 301-304, XII, 55, 72, 80-82; letter to, 89, 90; conversation with Law, 115, 116, 132, 133; meteorological observations, XI, 38-44, 46, 48, 50, 51, 63, 64; on "Hamilton," 45-54; "Wade Hampton," XII, 68-71; "Minerva," 134; "Ruthy," XI, 33-45; "Swiftsure," 61-65; in Bainbridge (Ohio), XII, 16; Baltimore, XI, 111; Boston, 13, 54-61; Camden (S. C.), 76-80; Charleston

## FAUX (continued)—

- (S. C.), 65-73, 89-105, XII, 71-74; Columbia (S. C.), XI, 75; English Prairie, 252-280; Indiana, 199-252, 280-301; Kentucky, 185-198; Maryland and Virginia, 145-156, 164-167, XII, 123-131; New York, XI, 159, XII, 75-79; Ohio, XI, 172-185; Philadelphia, 107-111, 158, 160, 164, XII, 66-68, 79-86; Washington (D. C.), XI, 112-145, 163, 167-171, XII, 22-66, 87-134; letter to *Courier*, XI, 91-94, 96, 111, 114, 115, 169; journals, 16, 25, 26, XII, 114, 117, 208, 230, 279, 313, XVIII, 43, XXII, 234; *Memorable Days*, XI, 11, 33-305, XII, 11-138; sketch, XI, 11-13.
- Favocites*, XIV, 224; observed by Flint, IX, 287.
- Fayette (N. Y.), Mormons in, XXVI, 358.
- Fayette County (Ill.), Cumberland road in, XXVI, 120; creek, 246; prairie, 340.
- Fayette County (Ky.), seat, III, 37, 199, 238, IX, 132; roads, III, 196; Lexington in, XIX, 101; Russell in, IV, 181.
- Fayette County (Pa.), towns in, III, 333, 337, 364, X, 212, 213; Gist, I, 91; Henry, XV, 246.
- Fayetteville (Ill.), site, XXVI, 367.
- Fayetteville (N. J.), Strode in, XI, 76.
- Fearon, Henry Bradshaw, visits America, IX, 225, XI, 296, XII, 205; *Sketches*, IX, 225, XI, 33, 63, XII, 165, 166.
- Feathers, as ornaments, XI, 263, XIII, 127, 137, 320, XIV, 264, XV, 150, XVI, 271, XVIII, 44, XIX, 142, 143, XX, 71, XXII, 307, 326, 329, 352, 359, 388, XXIII, 13, 17, 22, 118, 122, 127, 131, 158, 161, 163, 204, 258, 297, 369, XXIV, 21, 28, 41, 47, 48, 67, 68, 79, XXVII, 163, 172, XXVIII, 168; emblems, XXIII, 378, 382, XXIX, 313; eagles, XIII, 126, XIV, 196, XVIII, 55, XXI, 76; price, X, 287; garments of, XIII, 258; beds, V, 298, X, 287, XXX, 149, 259; caps, XXII, 326.
- Featherstonehaugh & Butler, editors of Croghan's *Journals*, I, 166.
- Featherstonehaugh, George W., projects railway, XXIV, 188; has Croghan's journal, I, 126; *Ancient Drainage of North America*, XXIV, 168.
- Fecteau, —, steersman, XXIV, 84, 92, 96, 99.
- Feldspar, observed, V, 93, XIII, 36, XV, 241, XVI, 22, 78, XVII, 193; described, XVI, 86; collected, 335, XVII, 56; colors, XV, 272, 291, 302, XVI, 13, XVII, 192, 230; characteristics, XV, 242, XVII, 44, 184, 208; decomposed, 254; implements of, XIV, 77, 78.
- Feliciana parishes, boundary, XIII, 307, 308.
- "Feliciana," steamboat, XIX, 126.
- "Fell," Long on, II, 70.
- Fell's Point (Md.), water in, X, 193; oxen, 196; markets, 192; Woods in, 187, 190, 261.
- Fellows, Dr. Benjamin F., in Fort Leavenworth, XXIV, 114, 115.
- Femme Osage (Mo.), Boone in, V, 15, 43, VI, 36, XXVI, 282.
- Fences. See Agriculture: Farm buildings and fences.
- Fennel, observed by Woods, X, 303.
- Fenton (Mo.), cemetery near, XXVI, 105, XXVII, 102.
- Fenwick, Bishop Benedict, erects monument, XXVII, 68.
- Ferdinand, Flathead convert, XXIX, 415.
- Fergus County (Mont.), boundary, XXIII, 71.

- Ferguson, —, ferryman, IV, 274.
- Ferguson, Jesse, with Pattie, XVIII, 263.
- Feria de San Juan, American traders in, XIX, 160.
- Fernandez (N. Mex.), location, XIX, 284.
- Ferns, abundant, XXII, 135, XXIV, 118, XXIX, 50; indicate quality of soil, X, 205; observed by Nuttall, XIII, 148; Woods, X, 205; varieties, XXII, 93; *lygodium palmatum*, III, 45.
- Ferreand, Thomas, merchant, XI, 97.
- Ferrel, —, frontiersman, XI, 231, 233.
- Ferrello, Bartoleme, navigator, XXVIII, 30, 31.
- Ferrets, on "Resolution," X, 180, 189; scarcity, 190.
- Ferries, IX, 100, XXVIII, 144, XXIX, 372, XXX, 154, 155, 161, 178, 179, 182; toll, IX, 234, XII, 15; taxed, IX, 231; operated, 34, 110, 149, X, 40, 232, 237, XXII, 144, XXIV, 124, 126; Arrow Rock, XIV, 162, XIX, 178; Big Barren River, III, 64; Black Rock, VIII, 46, IX, 316; Blair's, IV, 266; Brooklyn, IX, 34; Budd's, III, 330, 371; Buffalo Creek, IV, 346; Catawba River, III, 286; Chambers's, 370, IV, 38; Chapman's, III, 216; Clinch River, 60; Davis's, X, 52; Ellis's, IV, 202, 203, 211, 219; at Faucetstown, 103; Fish Creek, 118; Flinn's, 272; Glenn's, XXVIII, 314; Hands, III, 54; Harding's, XVII, 24, 25; Harris's, I, 237, III, 51, 52, IV, 42; Hickman's, III, 43, 207, 210; Hinkston, 195; Hoboken, XII, 164; Holston River, III, 58; Homochito River, IV, 327, 346; Hurd's, III, 372; Ingles's, 48; John's, 169; Johnson's, X, 52; Juniata River, III, 323; Kennedy's, X, 237; Kentucky River, III, 43; Knife River, V, 152, 162, 164; La Valette's, XI, 280; Licking Creek, X, 68; Little Kanawha, 224; Little Muskingum, IV, 124; Lusk's, 274; McBee's, III, 59; Macfiddit's, 216; MacNeil's, XVII, 28; Manigault, III, 103; Matheny's (Oregon), XXX, 181; Maysville (Ky.), X, 232; view of, XII, 209; Neilson's, III, 53; Niagara, VIII, 43, 178; Ohio River, IV, 100, 111, 114, 139, 233, 234, 264, 267, X, 44; Pepper's, III, 48, 52; Rio del Norte, XX, 154; Robin's, IV, 274; Roland's, 111, 118; Shield's, XIII, 177, XVII, 25; Sullivan's, IV, 261; Susquehanna River, XII, 291, 292; Swatara Creek, IV, 35, 36; Tennessee River, III, 257; Twelve Pole Creek, IV, 153; Wabash River, XII, 243; White River, XI, 205, XXIV, 136; Wright's, III, 137, 138, 369; at Zanesville, IV, 225.
- Ferris, —, with Woods, X, 222, 224, 244; sells ark, 243; civility, 262.
- Ferula faniculacea*, described, XV, 181.
- Ferussac, André Etienne, baron de, *Bulletin des Sciences*, XXII, 156.
- Festuca spicata*, observed by Bradbury, V, 317.
- Feverolles (*faba minor equina*), described by Maximilian, XXIII, 276.
- Fiddles, as source of amusement, XXX, 53, 54; general use in New Mexico, XX, 36; on Mississippi River, VIII, 306; among early French settlers, XXVII, 43, 73, 119; boatmen, XXVI, 61.
- Fidele, Flathead convert, XXIX, 415.
- Field, Gabriel, with Long, XIV, 178, 216, 286; sketch, XIV, 179.
- Field, Thomas W., *Indian Bibliography*, I, 183, II, 13.
- Field's Cove, Nuttall in, XIII, 212, 223, 224.
- Fielding, Rev. John H., college president, XXVI, 279.
- Fields, Lieut. See Field, Gabriel.
- Fifes, used by military, XII, 317, XV, 146, XVIII, 78, 296, XIX, 234; on Mississippi River, VIII, 306.

- Figs, cultivation of, XII, 73, XIII, 301; abundant, IV, 356, 357, XI, 95; observed by Nuttall, XIII, 314; localities, III, 305, IV, 356, 357, 363, XIII, 113, 115.
- Fillmore, Millard, president, X, 70.
- Filson, John, founds Losantiville (Ohio), IV, 256; writes Boone's narrative, XXVI, 232.
- Filson Club, *Publications*, I, 136, III, 39, 41, 45, 200, VIII, 286, XVIII, 29.
- Fincastle (Va.), founded, III, 48.
- Finches, numerous, XXII, 190, XXIII, 186, XXIV, 99; ash-grey (*fringilla hyemalis*), 102; black and white, XXIII, 35; blue (*amoena*), migration, 180; crimson-headed (*rosea*), XV, 314; crimson-necked (*frontalis*), described, 315; gold, XXIII, 199; purple (*purpurea*), XV, 314, 321, 326; red-eyed, XXII, 299; (*candacuta*), XXIV, 102; (*grammaca*), XXII, 302, XXIII, 52; (*linaria*), tame, 209; food, 214, 233; (*pennsylvanica*), XXIV, 100.
- Findlay, —, describes False Washita River, XVII, 78, 79.
- Findlay, —, in Canadian fur trade, II, 15.
- Finley (Finlay), John, discovers Blue Licks, IV, 175; defends Stuart, VII, 255; explores Falls of Ohio, I, 136.
- Finney, Alfred, establishes mission, XIII, 182.
- Finney County (Kans.), Pawnee River in, XVI, 227.
- Fire Indians. See Mascoutin.
- Fire Prairie (Mo.), origin of name, XXII, 247; Maximilian at, XXIV, 121.
- Fire-arms. See Weapons.
- Fire-engines, in Cincinnati, IX, 239, 241; Philadelphia, IV, 28.
- Fire-steels, article of trade, XIV, 310, XV, 192.
- Fire-works, patent, VIII, 103; in celebrations, XXII, 45, XXIII, 25, XXIV, 188; sky-rockets, VII, 241, XVIII, 147, 148, XXIII, 156, XXIV, 188.
- Firs, habitat, XXIV, 173, XXVII, 225, XXVIII, 158, XXIX, 154; on Rocky Mountains, XVI, 14; scarcity of, XXII, 110; abundance, XXVIII, 334, 365, 372, XXIX, 18, 35, 36, 42, 44, 45, 64, 67, 87, 166, 185, XXX, 110, 126, 164, 165, 170, 171, 175-179, 184, 186, 195, 289; size, XXII, 102, 134, XXIX, 47, 50, 161, XXX, 168; observed by Bolduc, XXIX, 154; Farnham, XXVIII, 201, 207, 213, 325, 367, 374, 377; Maximilian, XXII, 51, 93, 98, 109, 121, 278, 279; bark as building material, XXVII, 338; as lumber, XXII, 98; for fences, III, 134; sledges made of red, XXVIII, 158; Scotch, X, 206; mosses on, XXIII, 103; balsam, XVI, 25, XXII, 73, XXVIII, 216, XXX, 172.
- Fish, habitat, IV, 36, 91, 119, 297, 321, 327, 371, 374, 375, XIX, 139, XXX, 211; scarce, XVIII, 176, XXI, 356, XXVII, 36, 48, XXVIII, 246; mortality, XI, 48, 49; abundant, III, 80, IV, 95, 270, 275, 297, VI, 376, VIII, 181, 193, 234, 275, IX, 30, 36, XIII, 328, XV, 180, XVIII, 87, XXIII, 94, XXVI, 163, 234, XXVII, 184, 375, XXVIII, 155, 159, XXIX, 195, 196, 249, 254, 272, XXX, 73, 87, 106, 178; method of catching, I, 311, 312, IX, 36, X, 234, XIII, 325, XXII, 134; through the ice, II, 93, 94, 99, 122; harpoons, XXIV, 169; hooks, VI, 370; article of trade, XV, 78, XXI, 255, 261, XXVIII, 253; price, 316; lines, VI, 370; prices, XXVIII, 316; nets, VI, 368, 369, XXI, 265, XXII, 82, XXVIII, 158; seines, IV, 103; tackle, VII, 104; as food, VI, 395, VII, 192, 268, X, 199, XXI, 285, 292, XXVIII, 261, 369, XXIX, 253, XXX, 122; palatable, II, 155; how prepared, XXVIII, 369; fertilizer, IX, 37; article of trade, VI, 314, 360, VII, 123, X, 192, XVIII, 361, XXI, 254, 261-264, 282, 285, 347, XXIV, 126, XXVIII, 316, XXIX, 94, XXX, 108, 218; market, XIX, 136; prices, X, 108; tax on, XX, 149; as present, XIII, 321,



- 324, 333; cured, VII, 106, 280, 297; dried, I, 310, VI, 257, 267, 278, 279, XI, 128, XII, 62, XVIII, 209; frozen, II, 150; pounded, VII, 70; salt, XXI, 51; varieties, VIII, 295, XVIII, 206, XIX, 30; black bass, VIII, 181; blind, IX, 282; buffalo, IV, 92; cat, 36, 92; eel, 36, 92; flying, habitat, 371, VI, 198; abundant, VII, 45; described, 46, X, 183, 184; gasper-goo, IV, 330; herring, 92; Missouri, 92; mullet, 36; paddle, XXII, 190; perch, IV, 36, 92; pike, 92; pilot, VII, 54, 55; rock, IV, 36; salmon, 36, 92; sea, III, 122; sturgeon, IV, 92; sucker, 36; trout, 92; turtle, 92; white, VI, 369, VIII, 181. See also the several varieties.
- Fishback, Dr. James, professor, IV, 184.
- Fisher, —, tavern assistant, IV, 39.
- Fisher, Adam, in Montreal, VI, 190; on "Tonquin," 195.
- Fisher-fox, in West, II, 76; on Columbia River, VI, 323.
- Fisheries, in Allegheny River, IV, 91; Martha's Vineyard, XI, 52; Indians frequent, XXIX, 96; value of, VIII, 221, XII, 97; rent, 97; Indian occupation, VII, 280; advantages, XXI, 28, XXX, 206.
- Fishkill (N. Y.), Harris in, III, 370.
- Fisk, Moses, in Tennessee, III, 251, 253, 255, 258, 260, 267, 272.
- Fitzhugh, —, in Virginia, IV, 132.
- Fitzpatrick, Thomas, fur-trader, XXI, 11, 73, 192, XXII, 233, XXVII, 243, 248.
- Five Nations. See Iroquois.
- Five Crows, Cayuse chief, XXX, 111.
- Flagg, Edmund, sketch, XXVI, 9-14; at Louisville, 43-51; on Ohio River, 52-79; Mississippi, 82-112; Illinois, 121-142; in St. Louis, 142-179, 257; on Illinois prairies, 180-257, 294-370, XXVII, 19-34, 64-97, 116-121; up the Missouri, XXVI, 258-293; adventures, 90-92, 98, 99, 172, 239-242, XXVII, 20, 94; illness, XXVI, 180; in storms, 217, 218, 227, 256, 339, 364, 365; visits cavern, 295; attends land sale, 198, 199; excavates Indian grave, XXVII, 102; first view of prairie, XXVI, 214; meets Mormon, 356; describes sunrise, 318; sunset, 250, 251; characteristics, 90, 238, 366, 367, XXVII, 96; diary, XXVI, 11; other works, 10, 11, 29, 30; *Far West*, 43-370, XXVII, 20-121; cited, XXII, 208, 211, XXIV, 126, 127, XXVII, 19, 50, 135, XXVIII, 52.
- Flagg, Lucy, in Louisville, XXVI, 9.
- Flagg, Thomas, in Boston, XXVI, 9.
- Flags, carried by Bell, XVI, 232; Long, XV, 209, 296; Farnham, XXVIII, 10; on Blackbird's grave, XIV, 318; in bull-fight, XVIII, 304, 305; ceremonial use, XIV, 177, XV, 144, XVI, 199; as present, XV, 148, XXI, 100; lost, XVI, 250; of truce, I, 109, 113, 114; American, in New Mexico, XVIII, 337; raised over Oregon, XXVIII, 10; over frontier forts, II, 50, XIX, 121, XXI, 230, XXII, 215, 344, 373, XXIII, 26, 87, 125; steamboat, 72; at sea, XI, 49; in San Francisco, XVIII, 283; among Indians, XIII, 321, XV, 145, 146, 155, 205, XIX, 221, XXIII, 71, XXVII, 207, 394; cut down by Spanish, XVII, 73; British among Indians, I, 28, 58, VII, 138, 139, 249; Spanish among Pawnee, XV, 146; staff, XIV, 64.
- Flags (*typha palustris*), wild, XI, 284; Indian coverings, V, 62; raft, XVIII, 206; food, VI, 372; mats of, XXVIII, 340, XXIX, 17.
- Flatbow (Arc à plat) Indians, stock, XXIX, 192, 200; food, 196; fish festival, 198; missions among, 143, 191, 192, 199, 200, 420. See also Kutenai.
- Flathead (Sciutoga, Shyeyetoga, Tushepaw) Indians, named, VII, 211; stock, VI, 340, XXI, 303, 304; described, V, 233, XVIII, 141, XXI, 63, 74-76, XXVII, 170-172, 299-302; habitat, V, 233, VI, 340, XXIX, 272, 307; village, XXVII, 234, 380; reservation, XXIX, 178, 322; on West-



## FLATHEAD INDIANS (continued)—

ern rivers, XXVII, 162, 250, 392; population, VI, 340; characteristics, 325, XXVII, 134, 170, 171, 231, 285-288, 294, 296, 349, 354-356; language, XXVII, 370, 387, XXIX, 420; vocabularies, XXIV, 227, 228, XXIX, 423; legends, 224; hunting, XXVII, 298, 318, 348, 380, XXIX, 328, 403, 413; food, XXVII, 334, 335; marriage, XXI, 315, XXVII, 312, 347; squaws, XXIX, 332; chiefs and government, XXVII, 251, 288, 289, 355; flattening heads, XVIII, 141, XXI, 303, 304; war customs, XXIII, 119, 144, XXIX, 417; intertribal relations, V, 163, XXVII, 148, 351, XXIX, 231, 343, 358; with Bannock, XXVII, 280, 353, XXIX, 327; Blackfeet, XXIII, 88, XXVII, 137, 298, 353, XXIX, 177, 242, 326, 328, 343, 400, 408-412; Crows, XXVII, 179, XXIX, 328, 331, 400; Kalispel, XXVII, 344; Kutenai, 357; Shoshoni, XXIV, 295; Iroquois among, XXVII, 230, 284; deputations for missionaries, XXI, 138, XXVI, 14, 15, 17, XXVII, 142, 229-233, 243, 253, XXIX, 130; missions among, XXVII, 191, 288, 294, 329, 354, 355, XXVIII, 16, XXIX, 120, 135, 309, 408, XXX, 240; De Smet among, XXVI, 16, XXVII, 135, 137, 141-145, 153, 156, 169, 170, 181, 192, 231-233, 250, 274, 279, 280, 309, 310, 323, 398, XXIX, 133, 139, 342, 345, 354; views of, 175, 323; Father Mengarini, XXVII, 381; Point, 205; converts, 318, 319, 381, 395, XXIX, 310; baptisms, XXVII, 144, 282, 312-318, 347, XXIX, 173, 174, 181; piety, XXVI, 16, XXVII, 131, 138, 147, 176, 229-234, 281-283, 288-293, 324, 329, 330, 344, 348, 379, 380, 396, XXIX, 325-327, 335, 349, 350, 407; patron saint, XXVII, 348; catechists, 223, 310, 311, 330, 344; prayers, 336, XXIX, 291; festivals, XXVII, 281, XXIX, 300, 357; Sabbath observance, XXVII, 291, 292; condition, XXIX, 321-326; chapel, 143; trade with, VI, 347, VII, 210, XIX, 237, XXI, 70, 196, XXIX, 361, 367; Jason Lee among, XXI, 299; Wyeth's testimony to, XXVI, 14; portraits, XXIX, 4, 333; wrongly called Creeks, Cherokee, etc., I, 307.

Flathead County (Mont.), mineral wealth, XXIX, 202.

Flat Lick (Ky.), settlement, III, 45.

Flat Rock (S. C.), A. Michaux in, III, 54.

Flat-side Dog Indians. See Dog-rib.

Flatt, —, North West employee, VI, 301.

Flax (*linum perenne*), noted, III, 151, 241, V, 146, XXVII, 257; wild, XXX, 105, 185; cultivated, I, 134, V, 284, IX, 136, X, 201, 202, 240, 284, 296, 301, XI, 153, XIX, 295, 339, XXII, 183, XXVIII, 122, XXX, 190; amount produced, V, 315; quality, IX, 254, XVI, 102; breaking, X, 314; article of trade, VIII, 269; seed, IX, 95; mountain variety, XXVIII, 192, 198, 205, 219, 322, 292, 293.

Flax-bird, origin of name, XXIV, 118.

Fleas, noted, III, 180, XI, 89; abundant, XII, 233, XXI, 321; scarce, XXVII, 259; troublesome, XI, 95, XII, 187, 191, XVIII, 229, 344, XXI, 364, 366, XXVIII, 276; infest Indian villages, VII, 113, 278.

Fleming, —, tavern-keeper, IV, 61, 64.

Fleming, —, views on emigration, XI, 109.

Fleming, F., in Charleston (S. C.), XI, 68.

Fletcher, —, in Bolton (Eng.), X, 24, 25.

Fletcher, —, manufacturer, XII, 295.

Fletcher, Alice, among Omaha, V, 86; *Indian Songs*, 116.

Fletcher, Francis, in Yambill valley, XXX, 172.

Fletcz, in Mississippi valley, XVII, 203; strata, 252.

- Fletz trap, observed, XVI, 75, 77, 80, 91, XVII, 215; described, 206-210; origin, 212; water supplied, XVI, 149.
- Flies, numerous, X, 337, XII, 99, XXII, 68; scarce, XIX, 328, 329; troublesome, XXIV, 135, XXX, 255, 256; blow, XIII, 267, 268, XIV, 183, XVI, 145, 169, XIX, 240; fire (*lampyris pyralis*) — described, XIV, 135, 136; numerous, XXII, 59, 263, XXVI, 120, XXVII, 259, 260; noted, XI, 84, XII, 168; Hessian, attack crops, XII, 100, XXI, 28; horse, IV, 97, X, 48, XIII, 226, 227, 264, XIX, 240, 329; prairie (*tabanus*), X, 337, XII, 14, XIV, 131, 132, XVI, 222, XIX, 329; sand, IV, 120, 350, X, 252, XVI, 153.
- Flint (petrosilex), noted, XV, 174, XVII, 48, XX, 242, XXI, 243, XXII, 384, XXVIII, 93, XXX, 63; where found, IV, 272, XVII, 44, 218, 235, XXII, 244; described, XVII, 226; rock, 222; imbedded, XV, 302, XVII, 227, XXVI, 51; black, XXVIII, 245; slate, IX, 121; stones in Indian legend, XXIX, 376; uses, in ceramics, XXIII, 279; for Indian weapons, V, 174, XIV, 77, XVIII, 164, 201, XXI, 76, XXII, 174, XXVII, 100; for guns, V, 181, XIV, 307, XV, 192, XVII, 222, XX, 131, XXI, 58, 100, XXVIII, 65.
- Flint, James, sketch, IX, 9-13; voyage to America, 25-29; in New York, 25, 29-34, 43, 47; on Long Island, 35-43; in New Brunswick, 49; Philadelphia, 53-64; to Pittsburg, 64, 75-78; in Pittsburg, 82-89; down the Ohio, 89-113, 156; in Lexington, 132-146; Jeffersonville (Ind.), 165-173; Cincinnati to Lake Erie, 296-313; on Lake Erie, 314-316; in Canada, 326-333; equipment, 89, 98, 109, 299; illness and accidents, 34, 93; experiences, 70-73, 103, 104, 257-264; annoyances, 108, 128, 129, 147, 304; fellow-travellers, 114, 316; attitude toward Americans, 201, 291; describes constitution, 205-215; Indians, 248; advice to immigrants, 180, 181; knowledge of literature, 44; *Letters from America*, 25-333; scope, 12; addenda omitted, 12, 13; contrasted with Faux and Welby, XI, 16; cited, VIII, 78, 279, X, 23, 41, 222, 229, 233, 234, 241, 242, 269, 328, XI, 33, 143, 223, XII, 12, 17, 20, 67, 113, 165, XIII, 42, XIX, 28, 41, 68, XXI, 39, 42, XXII, 154, 155, 161, 172, XXIII, 238, XXIV, 135, 152, 166, XXVI, 63, 176.
- Flint, John, letters to, IX, 194.
- Flint, Timothy, editor, XVIII, 17, 18, 25, 345; in Cincinnati, 323; Louisiana, 366; edits *Pattie's Narrative*, 325; opinion on Fredonians, 365; Flag quotes, XXVI, 31, 62, 142, 180; relates Indian tradition, 139; sketch, XVIII, 25; *History and Geography of Mississippi Valley*, XXII, 240; *Western States*, XVIII, 25; *Recollections*, 25, XIX, 122-125, XXVI, 276, XXVII, 102, 103; *Western Monthly Review*, XVIII, 25, 325, XIX, 365.
- Flarekea proserpinacoides*, described, XV, 177.
- Flood, Dr. —, in New Orleans, IV, 343.
- Flora (American), unknown species, XXII, 9; collections, 84; studied by Baldwin, XIV, 39; Long, XVII, 93; Nuttall, XIII, 13, 18, XXI, 289; Pursch, XIV, 155; Schweinitz, XXII, 79. See also Botany, Flowers, and the several species and varieties.
- "Flora," navigation of, XXIII, 26; supplies, 29-33, 36, 39, 43, 46, 47, 52, 60, 63, 69, 81, 89; hunters on, 29, 31, 35, 36; relations with Indians, 72; accident, 35, 69; at Fort McKenzie, 86, 87; described by Maximilian, 24, 25.
- Flora lancastrensis*, III, 135.
- Florence (Colo.), site, XXVIII, 189.
- Florence (Nebr.), Mormons in, XXIX, 371.
- Florida, IV, 371, V, 273, VIII, 327, 361, X, 357, XXII, 167; discovery, XXVI, 230, 231; discoverers, XIII, 320, 332, 358, XXVI, 231, XXVII, 44; climate, XXII, 33; natural features, III, 95, XX, 255, XXVI, 163, 213; plants and animals, XIII, 242, XIV, 107, 119, XV, 168, XXII, 195; under Spanish rule, IX, 205, XXVII, 31; purchase by United States, VI, 11, VIII, 293; first

## FLORIDA (continued)—

- officials, VI, 11, 12; campaigns in, III 53, VIII, 172; garrison, XXVI, 138; Indians in, XIII, 258, 331, 357, XV, 68, XX, 79, 296, XXII, 200, XXVI, 297, XXVIII, 130; traders, VIII, 354; town, XIII, 327; naturalists, III, 12, 16, 305, XIII, 202, XIV, 40, XX, 235, XXIII, 38.
- Florissant (Mo.), originally St. Ferdinand, V, 258, XVIII, 279, XXVI, 261; topography, XVII, 122; coal in, V, 248; mission in, XVIII, 278, 279, XXI, 125, XXIX, 166; settled, V, 258, XXVI, 143; population, XXI, 125, XXVI, 126, 261; De la Croix in, XXVII, 202; De Smet, XXVI, 15; Flagg, 12, 261, 262; Jesuits, 169, XXVII, 202; Nuttall and Townsend, XXI, 125; Quickenborne, XXVII, 263; Trappists, XXIX, 193; sketch, XXI, 125.
- Flounders, habitat, XXIX, 93.
- Flour, amount raised, III, 69, XII, 22; localities, III, 238, IV, 352, VI, 286, X, 50; scarcity, 226, XIII, 69, XXI, 232; as food, XIV, 280, XXI, 51, 283, XXIX, 298, 303; quality, XXX, 298; as supply, XII, 157, XVII, 67, XIX, 190, XX, 143, XXI, 143, 282, XXVIII, 11, 45, 54, 59, 70, XXIX, 169, 267, XXX, 112, 147, 148, 260, 262; as present, I, 105, XIV, 274, XVIII, 86, XX, 80; article of trade, III, 140, IV, 284, VIII, 257, 269, IX, 149, 156, X, 192, 250, XI, 132, XII, 22, 254, XIII, 103, 182, XVII, 156, XXII, 383, XXVII, 50, XXIX, 60, 94, XXX, 86, 238; speculation in, III, 191; transportation, 351, VIII, 301; markets for, III, 122, 266, 297, 335, IV, 291; exported, III, 205, 240, X, 73; prices (see Prices: Provisions).
- Flower, Dr. —, in West Florida, IV, 335, 336, 344.
- Flower, Benjamin, editor, X, 115, 134, 139, 145, 147, 153; *Political Register*, 115.
- Flower, Eliza, author, X, 115.
- Flower, George, founds settlement, IX, 71, X, 10, 122, 139, 260, XI, 10, XII, 256, 257; in Illinois, X, 13, 49, XI, 129, 191, 192, 252, 270; home, 254-256; marriage, 271, 272, 275, 276; investments, 214, 220; losses, 216, 269, 290, XII, 287; characteristics, X, 116, XI, 177, 258, 259, XII, 250, 252; illness, XI, 273; agricultural methods, X, 123, 280, XI, 229, 256, 258, 279, 288, XII, 259; advice to emigrants, XI, 277, 279; founds library, 253; in Virginia, 259, 271; relations with Birkbeck, X, 348, 349, XI, 109, 271-276, 288; visited by Faux, 302; letters to, 259; by, 240, 270, XII, 12, 257; cousin, XI, 252; sketch, X, 49; *History of English Settlement*, X, 49, 50, 133, XI, 271.
- Flower, Richard, accompanies son, X, 49; in New York, 163; Lexington, 94, 95; Illinois, 109, 121-128, 136, XI, 252; character, X, 167, XI, 254; home, X, 128, 140, 141; founds newspaper, 115; letters, XI, 163, 271, 274, 276; sketch, X, 11-13; *Letters from Lexington*, 12, 87-109; *Letters from the Illinois*, 12, 111-169; cited, 134, 164, 262, XI, 16, 254.
- Flower, William, son of Richard, X, 133.
- Flower family, XI, 189, 254.
- Flowers, cultivated, IV, 104, X, 315, XXIX, 57, 66; wild, X, 210, XI, 279; abundant, XII, 13; lack of fragrance, XI, 255; European in America, XXII, 54, 60, 73, 88; artificial, XVIII, 148. See also Botany, Flora, and the several species and varieties.
- Floyd, Sergt. Charles, with Lewis and Clark, VI, 85, XV, 91; river named for, XXVII, 227; burial place, V, 91, 190, VI, 85, XXII, 278, XXIV, 104; sketch, VI, 77.
- Floyd, Davis, joins Aaron Burr, XXVI, 77.
- Floyd, George Rogers Clark, at Tippecanoe, VIII, 173.
- Floyd County (Ind.), XII, 12, XIV, 73, XXIV, 142.
- Floyd Station (Ky.), site, XXVI, 48.
- Flushing (L. I.), Faux in, XII, 77.

- Flustras, observed by Nuttall, XIII, 60.
- Flutes, XIV, 130; used by traders, XXVIII, 172; observed by Welby, XII, 254.
- Flycatchers (*muscarpa*), observed, XXII, 386; habitat, XVII, 147, XXIII, 52, 57; *cantatrix*, XV, 319, 325; *fusca*, 320, 325; *novaboracensis*, 319; *olivacea*, 319, 325; *ruticilla*, XXII, 83; *tyrannus*, XV, 319, XXIII, 34; varieties, XVI, 54, 55; yellow-bellied, 69.
- Flying-fish, as food, XI, 44; observed by Evans, VIII, 359, 360; Faux, XI, 43.
- Foe, John L. (Watchawaha, Jean la Fon), Osage chief, XVI, 274.
- Folles Avoines (Followens) Indians. See Menominee.
- Fon, Jean la. See Foe, John L.
- Fonda, J. H., *Reminiscences*, XXII, 228.
- Fontaine, John, *Journal*, XXVI, 217.
- Fontaine Rouge, petrification near, XXIII, 219.
- Fontenelle, Henry, son of Lucien, XV, 143.
- Fontenelle, Logan, Omaha chief, XIV, 275.
- Fontenelle, Lucien, fur-trader, XIV, 275, XV, 143, XXI, 184, 334, XXVII, 136; in Bellevue, XXII, 264-267; expedition, 316, 332; sketch, XIV, 275.
- Fontenelle (Nebr.), location, XVIII, 41.
- Fontrevault, monastic order, XXVI, 192.
- Food, of Americans, XI, 14, 112, 199, 203, 235, 237, 286, 288, 292, 293, 299, XII, 16, 63, 109, 166, 249, 276, 299, XXVIII, 325, 326, XXIX, 66, 93, 132, 210, 211, 214, 303; compared with English, XII, 123; of New England, VIII, 268; planters, III, 297; Pennsylvanians, XII, 201; frontiersmen, III, 93, VIII, 64, X, 124, 284, 299, XI, 203, XII, 11, 12, XIII, 55, XVII, 55, 56, XXI, 127, XXII, 114, 129, 193, XXIV, 135, XXVI, 322; fur-traders, II, 79, 88, 91, 94, 139, 140, 155, 156, 164, VIII, 230, XXI, 249, XXIII, 11, 28, 49, 93, XXIV, 48, 63, 64, XXVIII, 201-204; of Mexicans, XIX, 239, 290-294, 324, 325, XX, 165, 173; scarcity, I, 308, 319, VI, 379, X, 225, 227, 230, 245, 246, 249, XI, 211, 238, XXIV, 63, 89, 97, 121; abundance, I, 75, X, 93, XI, 177, XII, 276, 283; as equipment, I, 303, 320, XVIII, 37, XXX, 12, 258; present, XXIV, 40, XXX, 231; article of trade, XXIV, 100, 113, 122, 126, XXIX, 284; purchased, X, 250; meals, 95; diseased foods, XI, 37; apple butter, X, 199; canned goods, XI, 49; crackers, XIX, 189, 190; pickles, VIII, 55, X, 199, XXIV, 89; pies, VIII, 75, X, 124, 356, XII, 109, XXVIII, 181; preserves, XXIV, 89; pudding, X, 124, 182, 183, 337; raisins, XX, 203; salt provisions, III, 122, 158, 205, 247, V, 299, VIII, 64, 75; skins, VII, 183, XXIII, 69 (see also Fur Trade); soup, XIV, 190, XXVIII, 79; waffles, X, 199. See also the several animals, dishes, drinks, and products.
- Fool Chief (Caegawatanninga), Kansa chief, XIV, 191.
- Fool Robe, Republican Pawnee chief, XV, 162, 209, 210, 349, 351, XVII, 153.
- Foote, Henry S., *Texas and Texans*, XVIII, 365.
- Forage-bags, as equipment, XV, 192.
- Forbes, —, notes Indian custom, XX, 339.
- Forbes, Gordon, at Fort Chartres, XXVII, 81.
- Forbes, Gen. John, in French and Indian War, I, 13, 18, 50, 56, 100, II, 48, III, 22, 140, 148, 328, 345, IV, 243, X, 79; expedition to Fort Duquesne, I, 85, 180, 215, 221, 227, 235, 240, 242, 267, 281, 282, 296, III, 157, 327, IV, 97, XIX, 28, XXVII, 91; builds Fort Pitt, III, 342; relations with Indians, I, 179, 243, 264-266; letters, 240, 244, 252, 281; sketch, 235.
- Ford, —, murdered, XXVI, 74.



Ford, Nathaniel, sketch, XXX, 174.

Ford, Worthington C., *Writings of Thomas Jefferson*, XIV, 64; *Washington's Journal*, I, 73.

Ford County (Kans.), river in, XVI, 225.

Ford's Ferry (Ky.), sketch, XXVI, 74.

Fordham, Elias P., English emigrant, XI, 216, 252, 270, 279.

Foreman, Capt. William, in Revolution, IV, 117; sketch, 43, 44.

Forest Grove (Oregon), Browns in, XXX, 100; Walker, XXVII, 367.

"Forester," English ship, VI, 406.

*Forestiera, acuminata*, III, 74, XIII, 197; *ligustrina*, III, 75, 76.

Forests. See Timber.

Forges, portable, XIX, 249.

Forman, Gen. Ezekiel, sketch, IV, 320.

Forman, Samuel S., *Journey down Ohio and Mississippi*, IV, 320.

Forquer, George, founds Waterloo (Ill.), XXVII, 104.

Forster, G., German translator, II, 13.

Forsyth, —, at Niagara Falls, XIX, 144, 147.

Forsyth, Thomas, in Fort Armstrong, XXII, 225.

"Forteus," plantation, VIII, 326.

Fortier, Alcée, *Louisiana*, XII, 92.

**FORTS:** on Allegheny River, IV, 89; Chelan Lake, VII, 149; Hudson River, VI, 192; Long Island, 193; New Orleans, VIII, 338, 367; Ohio, IV, 108; Staten Island, IX, 43; blockhouses, XVIII, 11, XXII, 379, XXVII, 22, 105; at Cincinnati, IV, 256; Kentucky, 145; Limestone (Ky.), III, 35; Marietta (Ohio), IV, 126; promised to Osage, XVI, 277, 278; frontier, I, 18, III, 32, XI, 166, XIII, 255, XIX, 36, XX, 158, XXVI, 176; military stores in, XXVIII, 110; stockades, XIV, 131, XVI, 280, XVIII, 281, XXI, 43, XXVII, 112; erected by Chouteau, XX, 107; in Côte sans Dessein, XIV, 139; Lexington, IV, 177; Owen's Station (Mo.), XXVI, 262; described, XIV, 133; round-tower, XXVI, 268, 269; trading-posts, XXI, 202, 206.

*English:* I, 92, 93, II, 219, 220, XI, 166.

*French:* I, 73, IV, 89, 242, 277, XIV, 175, 176, XXVII, 50, 74, 75, 86, 91, 92; engineering skill exhibited, 82.

*Indian:* IX, 126, XIII, 111, 303, 351, XVI, 125, XXIII, 183, 350, XXVII, 183, 233; described, XIII, 359, 360, XXIII, 42.

*Spanish:* V, 270, XVII, 262, XVIII, 121, 262, XXII, 256.

*United States:* recommended by Kearny, XXX, 45; necessary in Oregon, 192; influence upon Indians, XIII, 222; eligible sites for, XV, 224, XVI, 244; Newport, X, 237; on Columbia River, XXI, 306; Minnesota River, XV, 216; Platte River, XXVIII, 112; St. Charles (Mo.), XXVI, 269; Yellowstone River, XIX, 63; described, XIV, 123.

Adams (Miss.), location, IV, 329, VIII, 207, 325, XIII, 312; established by Wilkinson, IV, 328; becomes Fort Pickering, 293; troops in, 296, 328, 329; deserted, 329; unhealthful, 329; Cuming in, 345; Nuttall, XIII, 306; sketch, VIII, 325.

Albany. See Orange, below.

Alexander (Bas de la Rivière), location, VI, 379; John Crebassa in, 379; Franchère, 379, 382; provisions in, 380; sketch, 379.



Alexander (des Corbeaux, Crow), Yellowstone trading-post, XXIX, 232, 233; Kipp in, XXII, 345.

Alexandria (Fraser River), site, VII, 194, XXVII, 146, XXIX, 58; trading-post, VII, 194, XXVII, 307; settlement, XXIX, 95; population (1846), 278; church, 143, 276; William McBean in, 287; Father Nobili, 275; sketch, 44.

Allen, in Pennsylvania, I, 234; Post in, 186.

Anne, as a boundary, XVII, 237.

Armstrong, site, XXVII, 42, 43; erected on Rock Island, XXII, 225.

Ascension, becomes Fort Massac, III, 73.

Assiniboine, location, XXIX, 248, 251; De Smet in, 251; sketch, 248.

Assumption, erected by French, IV, 292, XIII, 361.

Astoria. See George, below, and Astoria.

Atkinson, origin of name, XXII, 275; Fort Leavenworth supersedes, 253; commanded by Colonel Leavenworth, XXIII, 224.

Augusta, location, I, 235; Post in, 188, 230; sketch, 188. See also Edmonton.

Augustus. See Edmonton, below.

Babine, site, XXIX, 59; settlement, 95; population, 278; McBean in, 287; sketch, 278.

Bas de la Rivière. See Alexander, above.

Batchawanon, trading-post, VI, 393.

Baton Rouge, IV, 340; described, 341.

Baye (La). See Howard, below.

Bedford, road, I, 240; Hays in, 289; Post, 240, 289; sketch, 240.

Bellefontaine (Charles the Prince), site, XVIII, 32, XXVI, 116; establishment, XIV, 122; troops in, XVIII, 32, 33, XXI, 122, XXVI, 129; Long's expedition, XIV, 125; sketch, 124, XVIII, 32, XXVI, 116, 117.

Belle Point. See Smith, below.

Bellevue (Pilcher), site, XXIV, 108; trading-post, XVIII, 38, XXII, 265, 266, XXIX, 232, 233; cholera in, XXIV, 14, 107, 108; De Smet, XXIX, 372; Dougherty, XXIII, 218; Pattie's expedition, XVIII, 37; "Yellowstone," XXII, 15; battle near, 267; described by Maximilian, 266, XXIV, 108; sketch, XVIII, 37; view by Bodmer, XXV, 31.

Bent (William), on Santa Fé trail, XVI, 65, 230, XIX, 218, XX, 138; trading-post, XXVIII, 100, 107; erected by Bent Brothers, XIX, 221, XXVIII, 71, 171; architecture, 252; dangers from Indians, 164; attacked by Comanche, XX, 138, XXVIII, 164-166; traders in, 170, 229; Army of the West, XVII, 12; Abert, XIV, 22; Farnham, XXVIII, 11, 103, 107, 171, 173, 185, 199, 204; Frémont, XVI, 191; Moore, XXX, 163; Warfield, XX, 230; described by Farnham, XXVIII, 161-163; population, 163; sketch, XX, 138, XXVIII, 107. See also St. Vrain, below.

Benton (Mont.), site, XXIII, 83, 138, XXVIII, 17, XXIX, 233; erected by Culbertson, XXIII, 38; succeeds Fort Lewis, 94; Sata in, XXIX, 361.

Berthold, site, XXIX, 232; Indians in, V, 113, XXIII, 270, 365; Arikara, XXVII, 150; Mandan, XXII, 19, XXIII, 234, XXIX, 360; Indian reservation, XV, 58, 59, XXII, 336; trading-post, XXIX, 232; Chardon in, XXIII, 189; De Smet, XXVIII, 18, XXIX, 367; Garreau, XXIV, 35; sketch, XXIX, 233.

Black Cañon, Pattie at, XVIII, 137.

## FORTS (continued)—

Blount, location, III, 255, 257; A. Michaux in, 17, 95, 104; F. A. Michaux, 276; Americans, 263; sketch, 95, 258.

Le Bœuf, site, III, 338, 339, VIII, 244, XXVII, 75; erected by Marin, I, 72, 94, 95, 102; in French and Indian War, VIII, 244; Croghan in, I, 102; Washington, 49, VIII, 247; sketch, I, 102.

Boise, site, XXI, 231, XXVIII, 321, XXIX, 59; on Oregon trail, XXX, 240, 281; distance from Dalles, 157; Fort Hall, 99; established, XXVIII, 341; trading-post, VI, 277, XXX, 13, 262, 263; prices at, 297; military post, XXVIII, 321; Bannock near, 320; Carbo in, 317; Farnham, 12; Palmer's party, XXX, 243, 244; Elijah White, 101; Whitman, XXVIII, 112, 323; wagons, 112; abandoned, XXIX, 95; described by Farnham, XXVIII, 321, 322; by Palmer, XXX, 98, 99; sketch, XXVIII, 321.

Bonneville, rendezvous near, XXVII, 137.

Boone's, in War of 1812-15, XV, 171.

Bouis (Defiance), sketch, XXIX, 370.

Bourbon, built by Vérendrye, VI, 377.

Bridger, on Oregon trail, XXI, 197, XXX, 279; erected by James Bridger, XXVII, 299; road, 242; government post, XXX, 74; supply depot, 13; Walker in, 70; described by Palmer, 74, 75; sketch, 74.

Brown's Hole, trading-post, XXVIII, 229.

Brulé, site, XXIII, 87.

Bryant's station, IV, 197.

Buford, site, XXIII, 198; military post, XXII, 374, XXIII, 198.

Bull, erected by English, XXIV, 184.

Burd. See Brownsville (Pa.).

Bute, sketch, IV, 359.

Cabanne's, trading-post, XVIII, 38, XXII, 271, 275, XXIII, 223, XXIV, 106, XXIX, 371; Indians in, XXIV, 106; cholera, 107.

Calhoun (Nebr.), site, VI, 78, XXII, 275; origin of name, 275.

Camosun, location, XXIX, 58; attacked by Toungletats, 149; renamed Victoria, 77; sketch, 77.

Carlton (Carrollton), site, VI, 374, XXIX, 248; sketch, 248.

Cass, site, XXVII, 146; trading-post, XXII, 353, 377, XXIII, 23; beaver trappers in, XXIV, 102; sketch, XXII, 353.

Cedar, trading-post, VIII, 182, XXII, 302.

Chambers, sketch, I, 238.

Chambly, Bellestre in, I, 108.

Chardon (F. A. C.), site, XXIII, 70, 87; trading-post, 189.

Charles the Prince. See Bellefontaine, above.

Charleston, frontier outpost, X, 79.

Chartres, XXVI, 147; site, XIV, 101, XXII, 212, XXVII, 43; country described, XIV, 98, 110, 111; French outpost, I, 142, 172, III, 71, V, 262, XXVI, 143, XXVII, 75; cost of erecting, XIV, 101, XXVII, 86, 87; buildings described, 82; oak timbers, 101; war equipment, 86; delivered to Great Britain, I, 138, XXVI, 148; captured by Americans, XXVII, 88; golden age of, 83, 84; chapel, 72;

abandoned, 89; ruins described, 75, 76, 99; history, V, 262, XXVII, 77, 78, 85-91; English in, I, 305, 327; Croghan, 50, 127; De Villiers, 138; Flagg, XXVII, 85; Jesuits, 77; A. Michaux, III, 78; Pittman, XXVII, 77; Renault, 42; St. Ange, I, 138, 318; Sinnott, 148; Stirling, 163; Wilkins, XXVII, 78; described by Flagg, XXVI, 101, XXVII, 85-91; sketch, I, 173, III, 71, XIV, 102, 163; plan, XXVII, 79-82.

Cherokee (Cheroquis). See Massac, below.

Chilcotin, sketch, XXIX, 58.

Chippewyan (Chepewyan), location, XXIX, 254; Mackenzie in, VI, 187.

Chissel (Chiswell), on Cumberland River, III, 97.

Choueguen. See Oswego, below.

Chouteau's, Gregg in, XX, 107, 110.

Churchill, Hudson Bay post, II, 165.

Clark (Mandan), sketch, XXII, 344; erected, XXIII, 228; location, XXII, 349, XXIII, 223, XXIV, 63, 92; site, XXII, 344, XXIII, 218, 222, 344, XXVI, 133, XXIX, 232, 233; size, XXIII, 304; described, 234-236; buildings, XXIV, 20, 71; cache, 76; population, XXIII, 225, XXIV, 11, 12, 16; commander, XXII, 345, XXIII, 221, 228-236; illness at, XXII, 34, XXIII, 188, XXIV, 75, 76; climate, XXIII, 236, 237; domestic animals, 229, 235, 236; natural objects near, XXII, 350, XXIII, 242-245, 251; Indians near, 254; visit, XXII, 336, 344, XXIII, 20, 201, 290, XXIV, 14, 46, 67, 80, XXV, 13; guards, XXIV, 73; amusements, XXIII, 246-251, XXIV, 51, 52, 77, 79; alarm, 20; steamer visits, XXII, 15, 356; Bodmer at, 12; Des Autel, XXIX, 368; De Smet, 368; Maximilian, XXII, 16, XXIII, 213, 233, XXIV, 11, 12, 27, 35, 36, 43, 89; Mitchell, XXII, 314; Pilcher, XXIII, 219; collections, 178; supplies, XXIV, 13, 36, 43, 45, 48, 50, 58, 62, 63, 65, 66, 69-71, 76, 85, 89; observations, 31, 44-46, 48, 50, 53-58, 61-64, 70-79, 81, 318, 319. See also Osage, below.

Clatsop, Lewis and Clark in, VI, 259, XXX, 198; Townsend, XXI, 15; site identified, XXX, 198; described by Townsend, XXI, 362.

Clendenin, built by George Clendenin, XIV, 61.

Columbia, site, XXI, 363, XXX, 200.

Colville, location, XXVII, 330, XXIX, 59, 120; distance from Lake Okanagan, XXVII, 372; as a boundary, XXIX, 119; country described, XXVII, 371, XXIX, 272, 273; falls near, 186; Dalles, XXVII, 375; Spokane Post succeeds, 366; tributary forts, XXIX, 41; settlement, 95; agriculture, 121; farming and stock-raising, XXX, 295; chapel, XXIX, 143; Demersin, 129, 130; De Smet, XXVI, 17, XXVII, 330, 332, 333, 347, 364, 369, 373, 381, XXVIII, 17, XXIX, 193, 274; Joset, 139; McDonald, XXI, 344; Nobili, XXIX, 273, 274; Ravalli, 137; Simpson, 132; Spaulding, 38; Warre and Vavasour, 193; described by Spaulding, 39, 40; sketch, XXVII, 330.

Connolly, site, XXIX, 59, 121; McBean in, 287.

Cooper's, erected by Cooper, VI, 48.

Corn Island, XIV, 74.

Corne (St. Louis), sketch, VI, 375.

Coteau du Lac, location, IX, 325.

Council Bluffs, frontier post, XXVI, 176, XXIX, 232, 233; steamboat at, XXIV, 117; ruins of, 105; described by Maximilian, XXII, 275, 276; sketch, 275.

Cowlitz, agriculture in, XXIX, 90.

Craig and Thomson's, Farnham in, XXVIII, 247, 250.

## FORTS (continued)—

Crawford, military post, IX, 188.

Crèvecoeur, on Illinois River, XIV, 108, XXI, 43, XXVII, 37; erected by La Salle, XIX, 46, XXI, 43, XXVII, 37, 38, 40; Tonti commands, XIX, 50.

Croghan. See Shirley, below.

Crown Point, Indian hunting grounds near, II, 38; Indians at, 59, 60; Long visits, 207; sketch, 207.

Cumberland, road, I, 21, III, 328; in French and Indian War, 365; Braddock in, I, 97, 98; Boucher, 192; Innes, 98; Welby, XII, 284; described by Franchère, VI, 376; by Welby, XII, 284; sketch, III, 365, 366, VI, 376; views, XII, 281, 286.

Cumberland House, site, VI, 367, 376, XXIX, 248; sketch, VI, 376.

Daer, site, XXIII, 353.

David Crockett, Snake Indian in, XXVIII, 274; supplies, 258; winter employment, 253; Farnham in, 12, 251, 257, 260, 277, 301; described by Farnham, 252, 253; sketch, 251.

Dearborn (Chicago), erected by United States, I, 117; settlement, XXVI, 299; sketch, VIII, 233.

Dearborn (Miss.), Claiborne establishes, IV, 319.

Defiance (Ohio), location, VIII, 207; Wayne establishes, I, 151, VIII, 207. See also Bouis, above.

Deposit, Palmer's winter camp, XXX, 151, 155.

Des Moines, cavalry in, XXVI, 137.

Detroit, erected by French, XXVII, 75; Indians in, I, 76, 168; in French and Indian War, 18, 78; English take possession, I, 104, 114; surrender, 101, 103, 151; Campbell in, 102; Croghan, 152; Rogers, 100; described, 152, VIII, 215, 216.

Diamond. See Lafayette, below.

Dickson's post. See Vermillion, below.

Douglas, attacked by North West Company and Indians, VI, 381.

Dummer, becomes Brattleborough (Vt.), VIII, 107.

Dunveyan, Samuel Black in, XXI, 344.

Duquesne. See Pitt, below.

Edmonton (Augustus), site, VI, 365, XXII, 388, XXIX, 232, 239, 248; De Smet in, XXVIII, 17, XXIX, 244, 247; Harriot, 263; Thibault, 408; described by De Smet, 249; sketch, VI, 364, 365.

Edward Augustus, named by English, XXVI, 138.

El Puebla, Farnham in, XXVIII, 173, 182, 183; sketch, 174.

Erie, location, VIII, 175, IX, 316; in War of 1812-15, VIII, 175, 181; Brock in, 46; Buttrick, 47, 82; Evans, 181; sketch, 44.

Esperanza, now Hopefield (Ark.), IV, 293.

Estekadadene, Stuart in, VI, 251.

Fayette, location, III, 345, IV, 76, 244, 245; in Northwest Indian War, 96; American occupation, III, 32, 345; deterioration of, XIX, 28.

Fincastle, becomes Fort Henry, III, 33.

Finney. See Steuben, below.

- Flathead House, trading-post, site, XXIX, 41, 59; sketch, 41.
- Floyd, renamed Fort Union, XXII, 374.
- Frances, trading-post, VI, 384.
- Franklin. See Venango, below.
- Fraser, site, XXIX, 56, 58.
- Frontenac (Cataraqui), history, II, 45, 48; La Salle commands, XIX, 45; Bradstreet in, I, 153; La Salle, XXVII, 37.
- Gage, origin of name, XXVII, 62; Hoy in, 81; Lord, 80; described by Flagg, 61.
- Gaines, spring near, XXVI, 211; sketch, 214.
- Garry, North West Company post, V, 37; relations with Daer, XXIII, 353; Simpson in, XXIX, 132; Warre and Vavasour, 193.
- George (Astoria), site, XXIX, 57, 59, 81; trading-post, VI, 251, 295, 298, 336; originally Astoria, 301; Bent's Fort known as, XXVIII, 173; settlement, XXIX, 95; Chinook near, 130; Indian prisoners in, VII, 259; Astorians, VI, 267, VII, 253, 254; Audubon, XXIX, 371; Bethunes, VI, 295; Birnie, XXI, 361; British, VI, 241, 302; De Smet, XXIX, 138; Farnham, 70; Franchère, VI, 299; fur-traders, XXI, 300; Hudson's Bay Company, XXIX, 56, 57, 70; Keith, VI, 304, 390; McDonald, 295; McKenzie, VII, 255; McLoughlin, XXI, 297; McTavish, VI, 282, VII, 260; North West Company, 257, 264; Parker, XXI, 335; Stuart and McKenzie, VI, 304; Townsend, XXI, 361, 367, 368; missions near, XXIX, 127; population (1846), 278; restored by Manson, 284; described by Townsend, XXI, 311. See also Astoria.
- George (B. C.), sketch, XXIX, 276.
- George (Lake Ontario), location, VIII, 166, 175, IX, 321; Indian hunting grounds near, II, 38; British post, VIII, 45; becomes Fort Holmes, VI, 393; Brock in, VIII, 45; Battle Park, II, 202; sketch, 202.
- Gibson, location, XIII, 234, XX, 243; Indians in, 110, 127; treaty commissioners, XIX, 161; physicians, XXIV, 147; Arbuckle commands, XX, 105; Bowman in, 128; Chouteau, 108; Sanford, XXII, 235; Tilton, XXIII, 225; sketch, XX, 105.
- Gower, in Dunmore's War, I, 131.
- Grand Portage, trading-post, VI, 386.
- Greenville, location, VIII, 265, XIX, 36; establishment of, 36; sketch, VIII, 265.
- Grosse Isle, military post, VIII, 239.
- Hall, on Oregon trail, XXVIII, 113, XXX, 280; site, XXI, 210, XXVIII, 114, 261, XXIX, 59; road, XXVIII, 310, XXX, 85, 86, 90; route to California, XXVIII, 113; distance from Boise, XXX, 157; country described, XXVIII, 310; mountains near, 305, 329; timber, 313; game, 258; erected by Wyeth, XXI, 70, XXVIII, 306; Boise modelled after, XXX, 98; settlement, XXIX, 95; agriculture, 88, 89; flag raised, XXI, 230; Catholic diocese, XXIX, 141; Indians, XXI, 192, XXVIII, 291; trading-post, 307, XXIX, 59, XXX, 295; prices, 297; emigrant station, 13, 262, 263; clerk in, XXVIII, 341; colonists, XXVII, 236, XXX, 89; immigrants, XXVII, 236; guides, XXX, 89; gunsmiths, XXVIII, 315; missionaries, XXI, 279; Blanchet, XXIX, 141; De Smet, XXVI, 17, XXVII, 229-251, 278, 323, 327; Ermatinger, 235, XXVIII, 343; Farnham, 12, 259, 277, 289, 293, 302, 303; Godin, XXI, 353, XXIX, 241; Greenwood, XXX, 88; McKay, XXI, 213; Meek, XXX, 13, 101; Palmer, 31, 86, 93, 124, 247; Richardson, XXVIII, 274; Thing, XXI, 326, 328; Townsend, 266; Wislizenus, XXVIII, 275; Wyeth, XXI, 308, 354, XXIII, 135, XXVIII, 321; described by Palmer, XXX, 86; sketch, XXI, 210.



## FORTS (continued)—

- Hamilton, location, VIII, 265.
- Harmar, location, I, 130, VIII, 264, XIX, 35; in Indian Wars, IV, 123; A. Michaux in, III, 34; sketch, 34.
- Harrison, on Wabash River, X, 268, XI, 281, XIX, 55; land values near, 69; treaty of, X, 334; described by Ogden, XIX, 69; sketch, X, 268.
- Harrodsburg (Ky.), III, 211.
- Hawley, site, XXIII, 61.
- Hendrick, Morris in, I, 296.
- Henry (Wheeling), III, 349, 350; in Revolution, 33, 348, IV, 117; siege of, III, 361.
- Henry, on Snake River, VI, 273, 343, XV, 246; hunters at, VI, 343; Miller, V, 106.
- Holmes, origin of name, VI, 393; site, XX, 107.
- Howard (La Baye), location, VIII, 232, XXVI, 137, 138; Indians near, I, 169; sketch, VIII, 232, IX, 188, XVIII, 32, XXVI, 138.
- l'Huillier, Le Sueur erects, XXIV, 43.
- Independence, sketch, XI, 53.
- Jackson (La.), location, XIX, 121; sketch, 121.
- Jackson (Wyo.), sketch, XXIV, 49.
- Jasper, location, XXVIII, 17, XXIX, 251, 252; De Smet in, 248, 256; provisions scarce, 256.
- Jefferson, erected by Clark, IV, 280; sketch, 280.
- Jefferson, location, XIX, 36; erected by St. Clair, VIII, 265.
- Jefferson Barracks, regiment in, XVIII, 32, XXII, 275; Indians in, XXI, 122; Black Hawk, 123, XXII, 14, 217, 230; Leavenworth, 253; "Warrior," 229; described by Maximilian, 212, 215, 230, 231; sketch, XXI, 122.
- John, trading-post, XXX, 61.
- John, renamed Fort Laramie, XXI, 181.
- Jonquière, Niverville erects, VI, 375, XXIX, 218.
- Juchereau, site, XXVII, 75.
- Kamloops (Thompson), site, XXIX, 59; Indians near, 182; mission, 275; commanded by Ermatinger, XXVII, 235; Black in, XXIX, 284; Fraser, 256; McDonald, XXI, 344; McLeod, 352; Ross, VII, 199; sketch, 199.
- Kearney, site, XV, 224, XXX, 46.
- Kennedy, Say in, XIV, 131.
- Kilmaurs, renamed Fort Babine, XXIX, 278.
- Kincaid, Hubbard in, V, 52.
- King George, Wyeth in, XXI, 294.
- Kiowa, Hugh Glass in, XXII, 294.
- Knox (Patrick Henry, Sackville, Vincennes), location, VIII, 285, XIX, 71; French post, VIII, 285; Croghan in, I, 126, 127; St. Ange, 138; military post, XXIV, 136, XXVI, 117; commanded by Hamilton, XXVII, 90; sketch, VIII, 285, XIX, 72. See also Vincennes (Ind.).
- Kootenai (Kootenay), site, XXIX, 41, 59; trading-post, VII, 210; settlement, XXIX, 95; Montour in, VII, 210; sketch, 210.

Lafayette (Diamond), described by Flint, IX, 42, 43.

Langley, site, XXI, 341, XXIX, 57, 58, 120; settlement, 95; agriculture, 89, 96; Indians near, 150; baptisms in, 181; Demers, 131; McDonald, XXI, 344; Manson, XXIX, 284; sketch, XXI, 342, XXIX, 58.

Laramie (La Ramee), on Oregon trail, XXX, 45, 62, 278; trading-post, XXVII, 221, XXIX, 232, 233; distance from Fort Hall, XXX, 157; erected by Sublette, XXI, 181; cost, XXX, 61; emigrants in, 13; mountaineers, 55; Adams, 39; Fontenelle, XIV, 275; Meek, XXX, 40; Palmer, 57, 61, 249; Sublette, XX, 24, 68; described by Palmer, XXX, 60, 61; sketch, XXI, 181.

Larned, site, XVI, 227.

Laurens, site, XXIV, 156; Indian boundary, VIII, 200; White Eyes in, I, 211.

Leavenworth, XXIV, 112-115; site, XIV, 176, XXII, 275; boundary, XXIV, 114, XXVIII, 137; United States erects, V, 60; troops in, XXII, 275, XXVI, 138, XXX, 45; supersedes Fort Osage, XIV, 168; Indians near, XXVIII, 140; Fellowes in, XXII, 252; Maximilian, 17, XXIV, 116; Riley, XXII, 253; "Yellowstone," 15; sketch, 253, 254.

Lesser Slave Lake House, sketch, XXIX, 248.

Lewis, distance from Fort Union, XXIX, 366; origin of name, 233; erected by Culbertson, XXIII, 38, 94; religious services in, XXIX, 364; trading boats, 359; De Smet, XXVIII, 17, XXIX, 362.

Lignonier, erected by Forbes, III, 327; road, I, 22, III, 371; in French and Indian War, I, 242; Pontiac's, III, 148; Post in, I, 283, 285; sketch, III, 148.

Lisa, site, V, 47, XXIII, 218; trading-post, XIV, 221, XV, 188, XXII, 267; Oto in, XIV, 228; fur-traders, 226; negroes, XV, 257; Long, XIV, 221; astronomical observations, XVII, 262; abandoned, XXIII, 217.

Littleton. See Lyttleton, below.

Loisel (L'Oiselle), site, V, 184, VI, 99, 166; astronomical observations at, 166; sketch, V, 184.

Lookout, site, XXII, 310, 368; trading-post, 303, XXIX, 232, 233; De Smet in, 370; McBean, XXII, 301; described by Maximilian, 303, 304; sketch, 304, XXIX, 370.

Loudon (Pa.), Forbes in, I, 290; Post, 238; sketch, 238.

Loudoun (Tenn.), sketch, I, 238.

Louis, location, XIII, 357.

Lowther, frontier outpost, I, 237, 238.

Lyttleton (Littleton), site, XIII, 39; road, I, 238; F. A. Michaux in, III, 142; Post, I, 239, 290; sketch, 239.

Machault, site, XXVII, 75; French post, I, 102; Bellestre in, 108.

McHenry, abandoned, IV, 306; Godman in, XXII, 278; sketch, X, 189.

M'Intosh, situation, IV, 99.

McKay, site, XXIX, 59.

McKenzie (Piekann), XXIII, 63, XXIV, 63, 81; site, XXIII, 84; distance from Musselshell River, 59; road to Fort Union, 55, 59, 185; originally Fort Piekann, XXII, 377, XXIII, 90; erection of, 91; directed by Patton, 86, 135; abandoned, 84, 85, 94; new fort erected by Kipp, 91, 229; garrison, 85; character of population, 123, 166; equipment, 92; horses owned by, 94, 95, 189; horses stolen, 134; supplies, 143, 145, 167; stores stolen, 160; Indians in, 83, 110, 128, 154; view of, 129; Indian funeral, 140, 141; Assiniboin, XXII, 10; Blackfeet, 377, XXIII, 72; Grosventre, 74, 76; Piekann, 98; Assiniboin and Blackfoot battle, 146, 189, 204; Des Autel, XXIX, 368; Berger and Harvey, XXIII, 23; Culbertson, XXII, 17, XXIII, 38; Doucette, 61, XXIV, 50; Harvey, XXII, 339; Kipp,

## FORTS (continued)—

345; McKenzie, XXIII, 153; Maximilian, XXII, 15, 16, XXIII, 23, 58, 90-167; Mitchell, XXII, 314; succeeded by Fort Lewis, XXIX, 233; described by McKenzie, XXIII, 87; by Maximilian, 92-94; sketch, 87; Lewis and Clark's map, 93.

Mackinac (Michillimackinac), location, II, 177; importance in fur trade, 51, VII, 177, VIII, 231; commanders, II, 177-181, 185; Indians, I, 76, 168; English, 104, 123, 165, 172, V, 157; Rogers's expedition, I, 117, 122, 123; surrendered to English, VIII, 229; in War of 1812-15, V, 36, VI, 17, 392-396, VIII, 45, 200; character of population, VII, 176-180; Astorians in, 176-180; Crooks, V, 36; Evans, VIII, 223; Hunt, VII, 175-180; Johnston, VI, 394; Marquette, XXVII, 41; Tanner, XXII, 390; Winter, V, 137; Long's adventures at, II, 178-181. See also Mackinac (Mich.).

McLeod, site, XXIX, 58; Frazer at, 56, 256; sketch, 58.

McLoughlin, location, XXIX, 58, 77, 284; settlement, 95; sketch, 58.

Madison, frontier outpost, VI, 51; in War of 1812-15, XXII, 282; military post, XXVI, 117. See also Mandan, below.

Malden (Amherstburg), sketch, VIII, 81.

Manchac, in War of 1812-15, IV, 359.

Mandan, site, XXIII, 233; as a boundary, XIII, 286; plants at, V, 317-320; Astorians in, VI, 10; Bradbury, V, 180; Colter, 44; Crooks, 152; Dorion, 121, 122; Lewis and Clark, 66, XV, 59, XXII, 344, XXIII, 222; Kipp, 228; Nuttall, XIII, 183. See also Clark, above.

Manual, ruins of, XXII, 336; site, 337.

Massac (Cherokee, Cheroquis), site, VIII, 292, XIV, 92, XXVII, 75; origin of name, XXVI, 78; plants, III, 77; garrison at, IV, 278, XXVI, 117; Cuming, IV, 276; A. Michaux, III, 73, 74, 76, 81, 86, 104; Nuttall, XIII, 71; ruins, XXII, 203, XXVI, 78; described, IV, 277; sketch, III, 73.

Massachusetts, in King George's War, I, 191.

Mattawan, trading-post, VI, 397.

Maurepas, trading-post, VI, 379.

Meigs, in War of 1812-15, I, 151, VIII, 181, 200, 204-207, XVIII, 32, XXIV, 13; Harrison defends, IV, 160, VIII, 205-207; described by Evans, 204, 205.

Miami, erected by British, I, 151, VIII, 207; French in, I, 122; Indians, 302; Morris, 13, 297, 312-314; sketch, 122, 123, VIII, 207.

Michillimackinac. See Mackinac, above.

Misery, origin of name, XXVIII, 251.

Missoula, site, XXVII, 281.

Mobile, Bienville in, XIII, 359, 360.

Mohave, erected by Americans, XVIII, 131.

Monroe, Black Hawk in, XXI, 123, XXII, 230.

Montagnes. See Rocky Mountain House, below.

Monte (de la), Fort Carlton replaces, XXIX, 248; trading-post, VI, 376; sketch, 374.

Monterey. See Monterey (Cal.).

Morris, frontier outpost, I, 238.

Mortimer, purchased by traders, XXIII, 198.

Moultrie, Bell in, XV, 165.

Mount Pleasant, becomes Fort Cumberland, III, 365.

Natchez. See Panmure, below.

Natchitoches, established by Bienville, XVII, 65; garrisoned, 67.

Necessity, erected by Washington, X, 213; surrendered to French, I, 27.

Nelson, history of, VI, 377.

New Bourbon, established by Delassus, XIV, 99.

New Caledonian, De Smet in, XXVIII, 17.

Nez Percé. See Walla Walla, below.

Niagara, IX, 313; location, VIII, 166, IX, 321; Céleron commands, I, 56; in French and Indian War, 54, 88, 100, 108, 326, VIII, 182; Pontiac's, I, 101, 103; War of 1812-15, VIII, 45, 166; American troops in, IX, 316, XXIV, 174; rebuilt, VIII, 158; Indians in, XXIV, 175; Evans, VIII, 158, 159, 164, 174; Gamelin, I, 110; Wilkins, XXVII, 78; described by Evans, VIII, 158-160; history, II, 49, 219, VIII, 45.

Nippeween, deserted, VI, 375.

Nisqually, site, XXIX, 57; erected by McDonald, XXI, 344; climate, XXIX, 85; agriculture, 90; mission, XXVII, 386; Agricultural Company, XXI, 342; Huggins, XXX, 18.

Nogales, United States troops in, IV, 306.

Norway House, founded, XXI, 352.

Okanagan (Oakinacken), location, XXIX, 59, 119; distance from Fort Alexandria, VII, 194; from Fort Kamloops, 159, 199; country described, XXVII, 371; Astorian post, VII, 152-154, 163, 188, 242; built by A. Stuart, VI, 260; transferred to North West Company, VII, 253; Hudson's Bay, XXIX, 95; commanded by Ermatinger, XXVII, 235; Ross, VII, 200, XXIX, 87; A. Stuart, VI, 298; fur trade of, VII, 188, 209; Cox in, 310; De Smet, XXVII, 376, XXIX, 279; Demers, 129, 130; Keith, VI, 304; McGillivray, 346; Montour, VII, 210; Nobili, XXIX, 274; Ross, VII, 151-159, 199, 242, 243, 264; D. Stuart, VI, 277, VII, 194; R. Stuart, 186, 188, 207; population (1839), XXIX, 98; history, VII, 151-159; sketch, VI, 260.

Orange (Albany, Ste. Anne), location, II, 163, 164; on Hudson Bay, 146; early name for Albany, VIII, 118; history, II, 163, 164. See also Albany (N. Y.).

Orleans, location, VI, 164; founded by French, V, 56, XV, 130, 133; Bourgmont commands, XVI, 212; Bradbury in, V, 194; abandoned, 56.

Osage (Clark), site, VI, 36, 37, 165, XIV, 171, 175, XXII, 248, XXVIII, 56; described, V, 60, VI, 40, 59, XIV, 168, 169, XVI, 276; as a boundary, XVII, 123, 126; fur-trade post, VI, 62, XIV, 270, XXIX, 232, 233; military, XXVI, 117, XXIX, 233; troops, XIV, 158, 172, XVI, 277; evacuated by, 278, XXII, 253; natural features, XIV, 170, XX, 246; settlements near, V, 51; supplies, 50; steamers at, XIV, 172, XXII, 247; French in, XIV, 187; Long's expedition, 157, 161, 172, 176, 183, XVI, 273, XVII, 96; Brackenridge, V, 190, VI, 56-58, 151; Bradbury, V, 60, 190; Chambers, XIV, 168; Chouteau, XVI, 275; Sibley, V, 66, XVI, 278, XX, 245; Indians hostile to, VI, 60; observations at, 59, XVII, 262, 269.

Osark. See Arkansas Post.

Oswegatchie (Ogdensburg), importance, II, 47; described, 46; history, 47. See also Oswegatchie.

Oswego, location, II, 219; importance in fur trade, 49; Long passes, 212-216; sketch, 48.

Ouïatonon (Wawewoughtannes), location, I, 117, XXVII, 75; Indians in, I, 168, 313; Indian councils, 146, 148, 159; English take possession, 117; Croghan in, 12, 127, 139, 144; sketch, 117, 118.

Owen, site, XXVI, 17; mission near, XXVII, 282.

## FORTS (continued)—

Panmure (Natchez, Rosalie), originally Rosalie, IV, 322; French erect, III, 254, IV, 322, 323; Chopart commands, XIII, 349; English erect, III, 254; Indian massacre, I, 327, III, 254, XIII, 348; in Revolution, IV, 322, 326.

Patrick Henry. See Knox, above.

Peck, Indian reservation, XXIII, 29, 33.

Peinbina, military post, XXIII, 353.

Penn's. See Bent, above.

Petit, erected by Mitchell, XXIII, 186.

Pic, sketch, VI, 392.

Pickering, location, IV, 292, VIII, 310; built by Guion, IV, 293; military post, VIII, 304; Cuming in, IV, 293, 295; Nuttall, XIII, 88; described, IV, 293-295; sketch, VIII, 310.

Pied-Noir (Lewis), trading-post, XXIX, 232, 233.

Piegan, trading-post, XXII, 345.

Piekann. See McKenzie, above.

Pierre, location, XXII, 315, XXIV, 93; distance from Bad Lands, 90; Fort Vermillion, XXIX, 370; climate, XXIII, 238, XXIV, 66; timber for, XXII, 332; size, 349; importance of, 344; trading-post, 15, XXIII, 229, XXVIII, 18, XXIX, 232, 233; plan, XXIII, 319; fur supply, XXIV, 88; fur-traders in, 96; hunters, 91; supplies for, 89, 91; Sioux in, XXII, 322, 325; Chardon, XXIV, 82; De Smet, XXVII, 150, 153, XXIX, 369; Picotte, XXIV, 16; Lamont and Mitchell, XXII, 314; McKenzie, XXIII, 205; Maximilian, XXII, 17, XXIII, 25, XXIV, 63, 88; Ravoux, XXIX, 234; "Yellowstone," XXII, 311, 316; population, XXIV, 89; described by Maximilian, XXII, 317, 318, XXIV, 88; view of, XXV, 43; *Fort Pierre and its Neighbors*, XXII, 315.

Pike, location, VIII, 304; Americans in, IV, 292; abandoned, 292; sketch, VIII, 304.

Pilcher's. See Bellevue, above.

Pine, on Assiniboin River, VI, 32.

Pitt (Duquesne), origin of name, IV, 244, XXVII, 91, 92; formerly Duquesne, I, 281, 311, X, 218, XXI, 37, XXIX, 91; location, I, 95, VIII, 247, 248, XIX, 27, 28; width of river at, I, 133; road, 249, IV, 112; erected by French, I, 24, 26, III, 33, 156, 342, XXI, 37, XXVII, 74; cost of erecting, 91; trading-post, I, 227, IV, 78, 325; Indians in, I, 85, 150, 196, 245, 263; Indian councils, 47, 204-210; French in, 13, 84, 85, 180, 255, 263, III, 32; in French and Indian War, I, 102, 103, 204, 223, 225, 235, 240-242, 248, III, 73, 158, 345, IV, 97, 242-244, X, 213; Pontiac's, XXII, 96; Revolutionary, IV, 94, 96, 99, 244; Bouquet in, I, 101, 147, 181, 282; Brewer, 103; Braddock, 311; Croghan, 100, 109, 126, 127; Ecuyer, 282; Frazer, 138; Haslett, 244; Hays, 250; King, 279; Maisonville, 146; Monckton, 103; Murray, 147; Post, 13, 197, 200, 201; Stirling, 163, 164; Trent, 56; Washington, VIII, 247; Wilkins, XXVII, 78; ruins of, 92; sketch, I, 85, III, 156, 342, X, 218, XIX, 28, XXVII, 91.

Pitt, Hudson's Bay post, XXIX, 248.

Plaquemine. See St. Philip, below.

Platte, sketch, XXX, 61.

Pond, stockade post, XV, 170, 171.

Pontchartrain, French in, I, 55.

Portage, Joncaire erects, VIII, 182.



Prairie (des), trading-post, VI, 295, XXII, 388; Indians near, XXIII, 19; Montour in, VII, 210; sketch, XXII, 388.

Presqu' Isle, III, 339, IX, 313, 315; site, XXVII, 75; erected by French, I, 72, 94, 102; in Northwest Indian War, IV, 96; Bellestre in, I, 108; Brewer, 103; Croghan, 103; Evans, VIII, 186, 212, 223; Rogers, I, 101; sketch, 101, III, 339. See also Erie, above, and Erie (Pa.).

Prince Charles, erected by Captain Rios, XXVI, 148.

Prince of Wales, captured by French, II, 200.

Prudhomme, site, IV, 289, XXVII, 39; erected by La Salle, 40.

Queen's, site, XXIV, 188.

Rainy Lake House, trading-post, described by Franchère, VI, 383; sketch, 384.

Randall, site, XXII, 293; military post, 304, 315.

Recovery, established by Wayne, VIII, 265.

Recovery (Mo.), site, XIX, 36, XXII, 296; trading-post, V, 99, VIII, 207, XXII, 302; Indian boundary, VIII, 200.

Redstone Old Fort. See Brownsville (Pa.).

Rock, Sacajawea captured at, VI, 33.

Rocky Mountain House, trading-post, VI, 357, 358, 360, 364, XXIII, 135, XXVIII, 16; Boulard in, VII, 126; site, XXIX, 248; De Smet in, 234, 235, 241; Rowan, 263; sketch, VI, 357, XXIX, 234, 235.

Roi, Maximilian in, XXIV, 102; Melone, 100.

Rosalie. See Panmure, above.

Ross, established by Russians, XVIII, 283; purchased by Sutter, XXX, 229.

Roy's Tower, site, XXVI, 114.

Russian, described by Pattie, XVIII, 285; on Bodega Bay, 16.

Sackville. See Knox, above.

Ste. Anne. See Orange, above.

St. Anthony, sketch, IX, 188.

Santa Barbara, described by Pattie, XVIII, 279, 280.

St. Charles, location, VI, 382; Jesuits in, 383.

St. Charles the Prince, site, XXVI, 117.

St. Clair, location, VIII, 227, XIX, 36; erected by St. Clair, VIII, 265; sketch, 227.

San Fernando, Spanish in, IV, 292.

San Francisco, captured by Solis, XVIII, 289.

St. Frédéric. See Crown Point, above.

St. James, site, XXIX, 56, 58, 276; trading-post, VII, 194, XXVII, 307; settlement, XXIX, 95; mission, 277; Douglas, XXVIII, 380; Manson, XXIX, 284; Ogden, XXI, 315; sketch, XXIX, 58.

San Joaquin, establishment of, XVIII, 283.

St. Joseph, site, VIII, 231, XXVII, 75; trading-post, XXX, 255, 266; river named for, XIX, 67; Indians in, I, 169, 313, 317, II, 181; English, I, 104, 117, 172; French, 117; Bellestre, 108; Robidoux, XXII, 257; sketch, I, 117.

St. Louis, site, XXVII, 39; erected by La Salle, 39, 40; Jesuit mission, III, 69; commanded by Trudeau, 31; sketch, XXVI, 140, 141. See also Corne, above.

## FORTS (continued)—

- St. Mary's, situation, IV, 369, VIII, 234; Indians in, I, 169; sketch, VIII, 234.
- St. Peter, location, XVIII, 278.
- St. Pierre, trading-post, VI, 384.
- St. Philip (Plaquemine), Spanish garrison, IV, 369; location, VIII, 337, 350; as a boundary, IV, 369; fossils near, XIX, 127; in War of 1812-15, XXVI, 57; American flag on, XIX, 121; Evans in, VIII, 356; sketch, 350, XI, 121.
- St. Vielle, in Revolution, II, 54.
- St. Vrain (Bent, on Platte River), XXVIII, 306; trading-post, XV, 275; usually known as Bent's, XXVIII, 173; location, 174; Farnham's deserters in, 11; Moore, XXX, 163; Shortess, XXVIII, 173; Wislizenus, 173; character of population, 173; sketch, 173. See also Bent, above.
- Sandusky. See Stephenson, below.
- Sarpy, site, XXVII, 146; erected by Culbertson, XXIII, 38.
- Savory's, mentioned by Wislizenus, XXVIII, 173.
- Schlosser, erected by English, VIII, 182; portage to Lewiston, XXIV, 174; Evans in, VIII, 182; Wilkins in, XXVII, 78.
- Schuyler. See Stanwix, below.
- Selden, site, XX, 154.
- Shirley (Croghan), location, I, 83; Croghan in, 88.
- Sill, military station, XXVIII, 150.
- Simpson, site, XXIX, 58, 77; settlement in, 95; sketch, 58.
- Smith (Belle Point), origin of name, XVI, 187; location, XIII, 197, 282, XVI, 163; distance from river Verdigris, XIII, 228; from Texas, XVI, 181; road to Santa Fé, 191; as a boundary, XIII, 177, XVII, 83; coal near, XVI, 188; settlements, 190; gardens, 190; land grants, XIII, 197; land speculators, 103; mail service, XVII, 15; Indian council, XIII, 247, 253, 277, 279; United States garrison, XVI, 191, XVII, 12, XX, 105; Arbuckle, 105; Bell, XVI, 185; Bell's party, XIV, 17, 58; Bonneville, XX, 267; Glenn, XVI, 185; Long's expedition, XIV, 16, 17, XVI, 184-186, XVII, 11, 15; Nuttall, XIII, 13, 14, 206, 219, 227, 234, 277; astronomical observations, XVII, 261; described, XIII, 197, 198, 201, 202, XVI, 187, 188; sketch, XIII, 197.
- Snelling, origin of name, IX, 188; location, XXIII, 353; sketch, IX, 188.
- Southwest Point, on Clinch River, III, 17, 60.
- Spokane House (Post), site, XXVII, 366, XXIX, 38; distance from Okanagan, VII, 201; trading-post, VI, 298; prices, VII, 209; horses sent to, 221; transferred to North West Company, 253; superseded by Colville, XXVII, 330; Clarke in, VI, 347, VII, 195, 201, 211, 214, 216, 239, 242, 244; Keith, 265; Montour, 210; Ross, 201; Stuart, VI, 347; population (1839), XXIX, 98; sketch, VI, 277.
- Stanwix (Schuyler), location, II, 210, III, 32; trail, 215, VIII, 41; erected by English, XXIV, 184; captured, II, 54; in French and Indian War, XXIV, 186; Revolution, 184; history, II, 50; sketch, VIII, 42.
- Stephenson (Sandusky), built by Indians, III, 29; in War of 1812-15, VIII, 200, XXIV, 13, XXVI, 310; sketch, VIII, 200.
- Steuben (Finney), location, IV, 108, VIII, 279, IX, 160, XIX, 42; in Northwest Indian War, IV, 256; sketch, VIII, 279.
- Stikeen, trading-post, XXIX, 100; Manson in, 284.

- Stoddard, location, VIII, 312.
- Strong, sketch, XI, 53.
- Stuart Lake, trading-post, XXVII, 307.
- Sully, government post, XXII, 315.
- Sutter's (Sacramento), Indians, XXX, 229; Greenwood in, 88; Swasey-Todd party, 89.
- Tecumseh, site, XXIV, 93; succeeds Fort Teton, XXII, 315; "Yellowstone" at, XXI, 46; ruins of, XXII, 316; sketch, 316.
- Tekamamaouen, trading-post, VI, 384.
- Teton, sketch, XXII, 315.
- Thomas, garrison in, XIX, 37.
- Thomas Kirkpatrick's, blockhouse, XXVI, 197.
- Thompson. See Kamloops, above.
- Ticonderoga, Indian hunting grounds near, II, 38; battle of, I, 189.
- Tonawanda (N. Y.), blockhouse, XXIV, 164.
- Townsend, population, XXIX, 98.
- Towson, on Kiamichi River, XIII, 207; settlement near, XX, 304; academy, 306; Arkansas expedition in, 225.
- Tulloch's, origin of name, XXII, 353.
- Umpqua, location, VII, 231; sometimes called McKay, XXIX, 59; founded by McLeod, XXI, 352; erected by Fraser, XXIX, 256; settlement, 95; Americans in, 59; sketch, 59.
- Union, location, XXII, 250, 387, XXIII, 193; as a boundary, 55, 59, 185; climate, XXII, 386, XXIV, 49; country described, XXII, 383; animals near, 384, 385; buffalo park near, 390; lizards, XXIII, 250; cactus, 245; agriculture, XXII, 383; maize, XXIV, 82; trading-post, XXII, 373, XXIX, 232, 233; when erected, XXIII, 214; commanded by Larpenteur, XXII, 34; McKenzie, XXI, 45; size, XXIII, 92; population, 188; cosmopolitan character of, XXII, 374; importance, 344; dependencies, XXIII, 198; how supported, XXII, 381; communication with, XXIII, 39, XXIV, 49, 67, 72, 81; distillery in, XXI, 45; fire, XXIII, 189; furs, 11, 12; horses, 164, 205; hospital, XXII, 34; stock, XXIII, 85, 194; supplies, 11, 192, 207; Indians, 12, 16; relations with Indians, 16; half-breeds, 33; Assiniboin, 20; Blackfeet, 23, 40, 91; treaty with Blackfeet, XXIV, 317; Cree, XXIII, 200; engagés, XXIV, 17; hunters, 63; physicians, 14; Bird, XXIII, 135; Campbell, 198; Catlin, XXII, 236; Culbertson, 17; Deschamps, XXIII, 190; De Smet, XXVI, 16, XXVII, 149, 183, 400, XXVIII, 18, XXIX, 366; Gardepied, V, 76; Hamilton, XXII, 374; Kipp, 345, XXIII, 132, XXIV, 56, 62; Laidlaw, XXII, 316; Larpenteur, XXIX, 359; Latresse, XXIII, 139; McKenzie, XXII, 235, XXIV, 12, 81; Maximilian, XXII, 15, XXIII, 89, 187, 196, 197, 206, 267, XXIV, 12; May, XXII, 300; Montcrévier, XXIII, 189; Patton, 136; Point, XXVII, 193; Stassága, XXII, 371; Sublette, XXIV, 117; Wyeth, XXI, 61; steamboats, XXIII, 25; "Assiniboin," XXII, 374; "General Jackson," XXIII, 21; meteorological observations, 239, XXIV, 63, 318, 319; abandoned, XXII, 374; described by Maximilian, 376-378, XXIII, 188, 189; sketch, XXII, 373, 374.
- Van Buren, trading-post, XXVII, 146, 147; succeeds Fort Cass, XXII, 353; sketch, XXVII, 146.
- Vancouver, location, VI, 248, XXX, 222; distance from Cascades, XXVII, 389; site, XXIX, 57, 120, 145, XXX, 207; as a boundary, XXVII, 387, XXIX, 36, 39, 79, XXX, 206, 207; climate, XXI, 335, XXIX, 84; country described, 62, 63; mountains near, XXX, 213; game, XXI, 367; Hudson's Bay Company's post, XXVII, 377, XXIX, 63, 70, 96; importance of, 119; criticized by Belcher, 131; fur trade, XXI, 201, 311, XXVIII, 321, XXIX, 28, 60, 129, 130, 262; emigrants in, XXX, 40; houses

## FORTS (continued)—

XXI, 320; agriculture, XXIX, 89, 121, XXX, 295; physicians, XXIX, 167; epidemics, 68; fevers, XXI, 333; missionaries, 292; Anglicans, XXIX, 126; Catholics, 134, 181; Ball, XXI, 73; Bailey, XXIX, 19; Blanchet, XXVII, 320, 385, XXIX, 132, 135, 140; Demers and Blanchet, 119, 127-131, 136; De Smet, XXVI, 17, XXVII, 357, 369, 377, XXVIII, 17, XXIX, 134, 137, 138, 161, 168, 173, 178, 193, 279, 281, 287, 293; Farnham, XXVIII, 12, 15, 229, 259, 379, 380, XXIX, 13, 28; Gairdner, XXI, 334; Griffin, XXVIII, 275; Kelley, XXI, 25; Lee, 138, XXVIII, 379; Lee's company, XXI, 280; McKay, 230; McLoughlin, 9, 296, 308, XXVII, 319, XXIX, 100; Manson, 284; Nobili, 274; Nuttall, XIII, 15; Palmer, XXX, 224; Simpson, XXIX, 132; J. Smith, XIX, 238, XXVIII, 9; S. Smith, XXI, 73; Tolmie, 341, 342; Townsend, XIII, 15, XXI, 15, 335, 338, 344, 352, 361, 368, 369; Trumbull, 73; Wyeth, 11, 14, 74, 286, 289, 319; Warre and Vavasour, XXIX, 193, 194; described by Farnham, 63-66; Palmer, XXX, 207, 209, 210; Townsend, XXI, 297, 298; sketch, 297.

Vanderburgh, trading-post, XXII, 364.

Venango (Franklin), frontier outpost, I, 102, 238, III, 340; on French Creek, VIII, 244; road, I, 249; English in, 102, 272; French, 102, 191, 269, 272, 273, 288; Campbell, 100; Croghan, 102; in Pontiac's War, 102; Northwest Indian, III, 340; sketch, VIII, 246.

Vera Cruz, XVIII, 318.

Vermillion, site, XXIX, 248; trading-post, VI, 374, 376, XXIX, 232; North West brigade in, VI, 372; missionary, XXIX, 234; De Smet, XXVII, 153, XXIX, 370; Fraser, 256; described, VI, 370; sketch, XXVII, 153.

Victoria. See Camosun, above.

Vincennes. See Knox, above.

Vincent, British troops in, XXVI, 48; Clark's expedition against, XXVII, 88.

Walla Walla (Nez Percé), site, XXVIII, 333, XXIX, 59, XXX, 212; latitude and longitude, XXIX, 185; distance from Fort Colville, 39; as a boundary, XXI, 359, XXIX, 119; road, XXVII, 379, XXVIII, 322, XXX, 212; settlement, XXIX, 95; population, 98; agriculture in, XXI, 298, XXIX, 121; wagons, XXVIII, 112; missions, XXI, 292, XXVII, 389, XXIX, 97, 126, 141, XXX, 285; clerks, XXVIII, 346; factors, 340; Indians, XXVII, 387, XXX, 241; Indian agent, 222; Black, XXI, 344; Carbo, XXVIII, 330; Demers, XXIX, 129, 130; De Smet, XXVII, 376, 379, XXIX, 173, 178, 279, 287, 289; Ermatinger, XXVIII, 341; Farnham, 12, 308, 346; McLeod, XXI, 360; Nuttall, 280; Pambrun, 280; Parker, 335; Townsend, 15, 280, 344, 347, 352; Wyeth, 14, 74, 230, 255, 269, 276, 278, 284, 308, 319; described by Farnham, XXVIII, 346, 347; Palmer, XXX, 229; Townsend, XXI, 281; sketch, 278.

Washington, location, VIII, 265; federal garrison, XIX, 37; protects Cincinnati, IV, 256; becomes Cincinnati, 257; in Revolutionary War, I, 163; capture of, XXVII, 78; described by Ogden, XIX, 36; sketch, VIII, 265.

Washita, XIII, 147.

Watauga, in Revolution, III, 62.

Wayne (Ind.), location, VIII, 207, XIX, 66; originally French post, I, 122; erected by Wayne, 123; sketch, VIII, 207.

West Point, trading-post, III, 262, 264.

Wheeling. See Henry, above.

Wilkinson, site, XXVI, 78.

Willamette, Catholic missionaries in, XXIX, 134; Blanchet, 129, 132; Henry, VI, 314.

William (Castle) (Boston harbor), becomes Independence, XI, 53.



William (Lake Superior), distance to Dog Portage, VI, 385; North West post, 298, 304, 396; routes, 382, 384; traders in, 375, 376; furs, 381, 396; in War of 1812-15, 17; captured, 381, 384; Campbell in, 376; Clarke, 274; Douglas, XXVIII, 380; Franchère, VI, 391; McGillivray, 254; McKenzie, V, 37; McLoughlin, XXI, 296; described by Franchère, VI, 386-389; sketch, 386.

William (Mo.), founded by Sublette and Campbell, XXIII, 197, 198; hunters in, 208; trade with Indians, 203; rivalry with Fort Union, 202; Campbell at, XXIV, 296; Maximilian, XXIII, 198, 207; sketch, 198.

William (Oregon), site, XXI, 320; established by Wyeth, 319; commanded by Walker, 323; Townsend in, 338; Waskéma, 340; sketch, 319.

William (Wyo.), renamed Fort John, XXI, 181. See also Bent, above.

William Henry, location, II, 202; in French and Indian War, IX, 327; massacre at, I, 192, II, 30; sketch, IX, 328.

Yates, Harvey in, XXII, 339.

York, Hudson's Bay post, II, 165; captured by French, 200.

Yuma, location, XVIII, 85, XXVIII, 261; erected by Americans, XVIII, 131.

Fossils, observed, XIII, 289, XIV, 24; collected, III, 205, XXIV, 143; in Indian mounds, 148; on Alleghanies, VIII, 106; near Great Lakes, 185, 242; in Ohio valley, I, 135, IV, 272, VIII, 141, 270, 271, IX, 127, 131, XVII, 95, XXII, 177; Mississippi, V, 120, XVII, 87, XXIV, 129; Rocky Mountains, XVI, 40, 41, XVII, 200; Black Hills, XXIII, 244; numerous, XVII, 242, XXI, 125, XXII, 202, XXIII, 60, 61, XXVII, 110, 113, 114, XXVIII, 274; scarce, XVII, 224, 253; prices, XXII, 156; imbedded, XVI, 165, XVII, 223, XXIII, 57, XXIV, 90, XXVI, 50, 73, 88, 296; organic, III, 41, XVII, 93, 201, 218, 220, 247, 255, XXII, 243, XXVI, 50; marine, III, 36, 63, V, 44, 279, IX, 49, XIII, 173, 219, XIV, 66, 80, 110, 143, 222, XVI, 30, 54, 244, 245, XVII, 195, 197, 218, XXII, 209, 254, 267, XXIII, 94, 180, 240, XXIV, 93, XXVI, 50, XXVII, 108; vegetable, III, 329, IV, 121, VI, 139, 140, 156, 157, XIII, 67, 84, 157, XIV, 53, XV, 174, 175, XVI, 78, XVII, 247, XIX, 312, XXII, 122, 383, XXIII, 66, 219, 243; animal, III, 47, XIII, 216, 244, XIV, 53, XV, 286-288, XVII, 250, XIX, 132, XXIII, 242, XXVII, 115; bones, XXII, 173, XXVI, 178; mammoth, I, 135, III, 36, 37, XII, 67, XIV, 83, XIX, 127, XXII, 156; mastodon, XI, 263, XXII, 276, XXIII, 203, XXIV, 138, XXVI, 63, XXVII, 115; megalonyx, XXVI, 63; human remains, XIV, 115, XXVI, 146, 147, 261; baculites, XXIII, 60, 242; encrinurites, XXII, 243, XXVI, 147; selenite, XXIII, 49; salt, XVI, 156; stone, XIV, 109, 110. See also Petrifications.

Foster, —, preacher, XXX, 54.

Foster, Capt. —, British officer, II, 54.

Foster, J., English emigrant, XI, 279.

Foster, John, sketch, XXX, 49.

Foster, Robert, with Long, XVII, 98.

Foucher, Lieut. Pierre, in New Madrid, IV, 282.

Fountain Bluff. See Bluffs: Fountain.

Fountain of Fraser River, Indian village, XXIX, 278, 279.

Fountains, in museums, XXIV, 143; Mexico, XVIII, 379; Missouri, XXVI, 97; Pennsylvania, IV, 99.

Four Bears (Mato-Topé), Mandan chief, XXII, 345; physique, 346; portrait, XXIII, 261, 357, XXIV, 79; character, 19, 74, 77, 79, 80; superstition, XXIII, 319, XXIV, 73, 76; dress, 58, 79; head-dress, XXIII, 261, XXIV, 72, 78; wife, 47; exploits, XXIII, 358, XXIV, 58, 77, 80; paintings, XXIII, 264, 287, 391, XXIV, 80; as guard, 73; gives present, 58; in Fort Clark, 48; directs festival, 23, 325; relation with Maximilian, XXII, 358, XXIII, 387, XXIV, 15, 39, 83.



Four Men, Mandan chief, XXIV, 50.

Fourth of July (Independence Day), first declaration, VI, 185, XII, 147, XIX, 79; celebrations, III, 148, IV, 250, V, 167, VIII, 46, IX, 27, X, 185, XI, 15, 109, XII, 170, XVIII, 337, XXII, 11, 40, 41, 45, XXIV, 188, XXVI, 226, 236, 273; on shipboard, IX, 27, XX, 62; by expeditions, XIX, 233, 234, XXI, 60, 198; rock named for, XXVII, 216.

Fowke, Gerard, *Archæological History of Ohio*, IX, 126, XXIV, 148.

Fowler, Capt. —, tavern-keeper, XII, 198, 199.

Fowls, aquatic, XXIX, 184. For domestic, see Chickens.

Fowltown, Seminole village, VIII, 172.

Fox, —, in Kentucky, III, 36.

Fox, Andrew, in Tennessee, III, 58.

Fox, Charles, English statesman, X, 167, XII, 38.

Fox, Ebenezer D., Astorian, VI, 195, 230, 237, 239, VII, 45, 56, 67, 76-78.

Fox, Joseph, in Pennsylvania, I, 84.

Fox (Musquaque, Outagami, Renard) Indians, stock, XX, 297; described, XXII, 221; where met, I, 55, 169, VIII, 227, 292, XIII, 247, XXII, 177, 245; hunting grounds, I, 169, XIV, 160, XXII, 256, 263; reservation, XXX, 255; population, I, 169, XX, 341, XXII, 225, 226, XXVII, 166, XXVIII, 142; dress, XIII, 250; manners and customs, XXI, 145, XXII, 271, XXIV, 112; language, XXII, 253; dialect, XXIV, 208, 209; vocabulary, 276, 277; intertribal relations, with Iowa, VI, 51; Missouri, XV, 134, XXII, 246; Omaha, 277; Osage, XIII, 247, 279, XVI, 272, 274, XVII, 155; Oto, XIV, 233, XVII, 151; Sauk, II, 186, V, 49; Sioux, II, 188-190; intercede for Black Hawk, XXII, 217; war against French, I, 19, 114, II, 186; in Revolution, 185, 186, 188; War of 1812-15, XIV, 139, XVIII, 31; attacks on fur-traders, XV, 185, 193; on Spanish, XIV, 152; treaty with, XVIII, 31, 33, XXIV, 315, 316; agent for, XIV, 314; trader among, VII, 186; portraits, XXV, 10, 36; sketch, VIII, 292.

Fox-glove (*digitalis purpurea*), XXII, 75.

Fox-grapes, X, 192.

Fox Prairie (Mo.), battle of, XXII, 246.

Foxes (*canis*), observed, IX, 120, X, 287, 288, XI, 203, XVIII, 194, XXIX, 214; habitat, II, 76, 132, IV, 52, VI, 203, XII, 192, XVII, 146, XXII, 299, 302, XXIV, 44, XXVII, 39, XXIX, 209; abundant, VI, 278, XXIX, 93; size, XII, 297; hunted, XI, 200, XXII, 133, XXIII, 211, 347, 348, XXIV, 15; trapped, 23; tamed, 84; as food, XXIII, 208, 209, 277; as symbol, 375, XXVI, 77; black or silver (*argentatus*), XIII, 262, XXIII, 249; grey (*cinereo-argenteus*), XV, 261, 317, XXII, 76, 168, XXIII, 249, XXIX, 51; (*corsac*), XV, 262; cross (*decussatus*), XXIII, 249; prairie (*velox*), XV, 261, 262, XXIII, 125, 194, 199, 200, 211, 249, XXIV, 19; red or virginia (*virginianus* or *fulvus*), IV, 50, XV, 216, 317, XXII, 97, 168, XXIII, 249, XXIV, 70, 99; skins, tanned, XXII, 98; article of trade, XXI, 347, XXIII, 12; number of skins, XXII, 380, 381; prices, XXIII, 249; uses, VII, 282, XXIII, 382, 389; tails as ornaments, V, 136, 137, VI, 98, 121, XXIV, 47.

Foy, Judge Benjamin, sketch, IV, 292, 293.

Fraeb (Frapp), Capt. Henry, sketch, XXVII, 243.

Franchère, Gabriel, sketch, VI, 13-18, 173-175; joins Astorians, 13, 189, VII, 13, 41; in New York, VI, 196, 197, 407; on "Tonquin," 193-209, 227-236; at Falkland Islands, 207; Hawaii, 210-227; up the Columbia, 242-249; at Astoria, 250-303; relief expedition, 305, VII, 255,

- 256; Willamette visited, VI, 246, 313-316, XXI, 301; joins North West Company, VI, 298, 299, VII, 247; departure for home, VI, 317, 336, VII, 265; homeward route, VI, 336-386, 394-399; at Fort William, 386-392; accidents, 354, 356, 368; hardships, 262-266, 342; adventures, 261-265, 278, 279, 281; letters to, 274; *Narrative*, 173, 403, VII, 9; reasons for publishing, VI, 177; cited, V, 224, VII, 12, 33, 38, 39, 41, 43, 57, 74, 88, 102, 104, 109, 112, 116-119, 121, 135, 148, 149, 152, 159, 163, 165, 195, 201, 205, 208-210, 216, 218, 230, 233, 234, 249, 250, 254, VIII, 234, 235, XI, 145, XV, 231, XVI, 46, XVII, 236, XVIII, 141, XIX, 228, XXI, 9, 23, 24, 63, 192, 201, 225, 276, 285, 291, 303, 304, 309, 311, 313, 318, 321, 339, 342, 362, XXII, 58, 388, XXIII, 28, 61, 98, 277, 284, XXIV, 192, 204, XXVII, 141, 284, 366, 370, XXVIII, 31, 37, 38, 152, 154, 340, 356, 365, XXIX, 18, 29, 30, 34, 36, 41, 43, 52, 56, 116, 117, 129, XXX, 9, 108, 199.
- Franchère, Jacques, VI, 13.
- Francis, Flathead convert, XXVII, 232.
- Francis (Hellis Hajo), Indian prophet, VIII, 351.
- Franciscans, missions established by, XVIII, 273, 275, 277, 279, XXVIII, 261; name river, XVI, 105; with La Salle, XXVII, 37; in California, VI, 342, XVIII, 273, 275, 277, 279; in Canada, XIX, 46; Fort Chartres, XXVII, 77; San Buenaventura (Mex.), XVIII, 155; Taos (N. Mex.), 73.
- Frankfort (Ky.), capital, III, 38, 199, 200, IV, 258, VIII, 53, IX, 132; population, IV, 91, X, 206; state-house, IV, 191-194; road to, 189, 190, XII, 225; epidemic, 273, 274; described, IV, 191-194, X, 64, 65, XI, 194, XII, 222, XIX, 100, 101; Buttrick visits, VIII, 53; Cumming, IV, 7, 191, 231; Faux, XI, 194, XII, 14; Edwards, XVIII, 366; Hulme, X, 64, 65; Madison, III, 87; Welby, XI, 16; Woods, X, 206; view, XII, 224.
- Franklin, Benjamin, III, 51, IV, 322, X, 167, 168, XIV, 76, 150; in French and Indian War, I, 84, 186; in Congress, II, 209; qualities, IX, 214, XII, 305, XXI, 132, XXVI, 328; interview with Howe, XXI, 64; friendship for Volney, IX, 237; founds Philosophical Society, 55, 56; Philadelphia Library, XII, 173; bequest, 173, 174; bust, IX, 56; quoted, I, 186, IV, 52, XI, 150, XXIII, 13, XXVI, 325; son, I, 42.
- Franklin, Sir John, Arctic explorer, XXII, 296, XXIII, 69, 90, 273; at Fort Cumberland, VI, 376; search for, XXIX, 131; *Narrative*, cited, XXII, 387, 390.
- Franklin, William, accompanies Weiser, I, 42.
- "Franklin," vessel, XII, 86, XVIII, 228, 235, 262, XXIV, 142.
- Franklin (state of), III, 98.
- Franklin (Ind.), XXII, 160.
- Franklin (Mo.), XIV, 148, 178, XVII, 122; seat, XIV, 149; natural features, 82, 149, 150, 156, XVII, 221; observations, 262, 267; freshets, XIV, 149, 150, 153, XXVI, 266; ferries near, XIV, 162; land office, 146; trade center, XIX, 186-188; expeditions at, XIV, 12, 151, 161, 178, XIX, 177, 178; individuals, XIV, 151, XIX, 183, XXIV, 122; succeeded by Boonville, XXI, 89; population, XIV, 148, 150.
- Franklin (Pa.), location, I, 102, III, 163, VIII, 246; Schenck in, XX, 136; population, III, 40, 160.
- Franklin County (Ark.), creeks in, XIII, 195; Billingsley, XVII, 13.
- Franklin County (Ind.), seat, XIX, 71; Nelson in, XXX, 55; Palmer, 11; described by Ogden, XIX, 68.
- Franklin County (Ky.), Frankfort in, XIX, 100.
- Franklin County (Mo.), creek in, XXIV, 123.

- Franklin County (Ohio), site, XXIV, 151.
- Franklin County (Pa.), site, XII, 192; roads, I, 238, III, 369; seat, 368, IV, 51; Strasburg in, III, 319.
- Franklin County (Wash.), site, XXIX, 288.
- Franklinton (Mo.), Wetmore in, XXVI, 31.
- Franklinton (Ohio), site, XXIV, 151; Indian mounds, XIX, 85.
- Franklinville (Ohio), Hutchinson in, IV, 229.
- Franks & Company, Kaskaskia traders, XXVII, 80.
- Franks, Stephen, German trader, I, 22, III, 200.
- Frankstown (Pa.), I, 22, 26, 32, 33.
- Fraser, —, in Arkansas, XIII, 169.
- Fraser, Lieut. Alexander, in Illinois, I, 137, 138, 146.
- Fraser, Paul, fur-trader, XXIX, 256-258.
- Fraser, Simon, explorer, VII, 194, XXIX, 56, 80, 256; river named for, VI, 251, XXIX, 43; builds posts, XXVII, 307, XXIX, 58, 276; *Journal*, cited, 43.
- Fraseria caroliniana*, III, 102, XXIX, 424.
- Fraxinus*, several species, III, 43, 59, 75, 84, 90, XIV, 213; *quadrangulata*, III, 36; observed by Nuttall, XIII, 103.
- Fray Cristóbal (N. Mex.), Gregg in, XX, 151, 152.
- Frazer, —, fur-trader, XV, 236.
- Frazer, Gen. —, British officer, I, 163.
- Frazer, Jenny, in Raystown, I, 241.
- Frazey, —, in Elizabethtown (N. J.), IV, 96, 120.
- Frazeystown (Ohio), canal town, XXIV, 153.
- Frazier, John, Indian trader, I, 73, 102, 147, 289.
- Frederick, King of Prussia, XII, 328.
- Frederick City (Md.), railroad in, XXI, 35; Dulany, III, 50; Woods, X, 198, 199.
- Frederick County (Md.), seat, III, 50.
- Frederickberg (Ind.), settlement, XII, 230.
- Frederickburgh (Ont.), loyalist settlement, II, 218-220.
- Fredericksburg (Ky.), described by Woods, X, 239.
- Fredericksburg (Md.), III, 138; soil, XI, 176; Faux in, 164, XII, 22; A. Michaux, III, 52; Welby, XII, 288, 289.
- Fredericksburg (Va.), Boggs in, IV, 84.
- Fredericktown (Mo.), location, XV, 175.
- Fredericktown (Pa.), situation, III, 337.
- Fredonian Republic, establishment of, XVIII, 367, 368; stone house, 367; Hunter in, 368; captured by Mexicans, 369; downfall, 365-369.
- "Freedom," Wyeth on, XXI, 38.
- Freeman, Peyton R., district clerk, VIII, 96, 98.

Freeman, Thomas, advance guard, XVII, 74; measures Red River, 61; describes Lake Big Broth, 69, 70; MS. Journals, XVI, 178, XVII, 64, 67-70; *Exploring Expedition*, 66.

Freeport (Pa.), situation, III, 163, 340.

Freestone, IV, 140, 216, 219; quarries, VIII, 264, X, 191; quality, XXVI, 171; abundant, VIII, 283; uses, XXIV, 147; observed by Hulme, X, 77; Woods, 208, 209, 274; in Indiana, XIX, 65; on Missouri, VI, 70, 100; in Ohio, X, 73, XXVI, 134, 166, XXVII, 81, 82.

Freiburg (Pa.), Germans in, XXII, 74; Maximilian, 76.

Frémont, John C., explorer, VIII, 78, XVI, 36, 191; surveys, XXIX, 80; in Rocky Mountains, XV, 271, 292, XXI, 59, 273, XXVIII, 199; California, XXX, 230; Oregon, XXVIII, 324, XXX, 39, 106; companions, XXVII, 190, XXX, 70; among Kansa, XXVII, 198; crosses South Pass, XVIII, 140; on Western rivers, XV, 224, 260, XXII, 251, XXVII, 158, XXX, 92; at fur-trade posts, XXI, 210, XXVIII, 107, 173, 251, XXX, 61; analyzes springs, XXVIII, 323, XXX, 81; ascribes geographical names, XV, 252, XVI, 26, XXI, 314, 315, XXVIII, 113, XXX, 54, 62, 64, 90, 91; mountain named for, XXI, 184; botanical collections, XV, 166; *Exploring Tour*, 224, XXI, 53, XXVII, 241, 243, XXVIII, 298, 314, XXX, 56, 61, 77, 81, 90.

Fremont (Ohio), origin of name, VIII, 78.

Fremont County (Colo.), creeks in, XVI, 44, XXVIII, 189; Bell, XVI, 34.

Fremont County (Idaho), Fort Henry in, XV, 246.

Fremont County (Wyo.), rivers in, XXI, 187, XXX, 71; mountains, XXI, 184.

FRENCH: as explorers, III, 93, VI, 51, 187, XXVI, 115, XXVII, 34, 35, 44; in Green Bay, I, 115; on Arkansas River, XIII, 18; Illinois, XVII, 41; Mississippi, V, 235; Missouri, 56, VI, 61, XXII, 16; Ohio valley, I, 23, 24, 135, IX, 105; Red, XVII, 66; in Northwest, VI, 360, 382, XXIX, 218; maps, III, 93, XIV, 174. Naturalists, III, 12-20, 123, 124, 289, XIII, 105, 234, XXII, 13, 164, 172, 187, 220. Missionaries, III, 232. Colonizers, policy, V, 248, XIX, 50, 51, XXVII, 45; in Canada, III, 148, IX, 326, 328, X, 218, XXIV, 163, XXV, 217; Louisiana, I, 305, III, 71, 148, VIII, 340, XIII, 138, 361, XVII, 61, 76, 77, XXVI, 65, 216; Illinois, I, 13, III, 17, 67-72, VIII, 291, X, 267, XIV, 104, XIX, 62, XXVI, 101; middle West, XXVII, 30 (see also Kaskaskia, etc.); desire Ohio valley, I, 51, 79, 80, 82, 96, 98, 137; intrigues in, 13, 53-55, 71-74, 91, 131, 145, 146, 187, 192, 195, 197, 200, 202-210, 216, 217, 223, 225, 226, 229, 249, 250, 254-260, 281; expedition to, 12, 48, 89, 90, 93, 101; control Arkansas River, XIII, 117; Mississippi valley, III, 45, VIII, 350, XXVI, 143, XXVII, 50; intrigues (1793-94), III, 27, 89, 90; in Spanish territory, 13, XVII, 68, XIX, 285.

*Forts*: I, 58, 72, 91, 104, XIV, 175, 176, XV, 133, XXVI, 138, 140, 147, XXVII, 50, 74, 75, 77, 86, 91, 92 (see also Fur Trade: Posts); Fort Arkansas, IV, 298, XIII, 106, 294; Chartres, 138, 318, XIV, 101, XXVII, 77; Crevecœur, XIX, 46; Duquesne, I, 24, 223, 225, 235, 255-259, III, 156, X, 218, XXI, 37; Le Bœuf, I, 49, 94, III, 339, VIII, 247; Massac, XXVI, 78; Miami, I, 27, 313, VIII, 207; Michipicoton, VI, 392; Nelson, 377; Niagara, I, 101, VIII, 160; Ouïatonon, I, 117, 118, 144; Plaquemine, VIII, 350; Presque Isle, I, 94; St. Joseph, 150, 317, VIII, 207; Shawnee, I, 272; Tekama-maouen, VI, 386; Venango, I, 288, VIII, 246 (see also Forts); surrender to English, I, 51, 104, 105, 121, 131, 173, 180, 181, 306, III, 73, XXVI, 146, XXVII, 77, 91; cede Louisiana to, XIX, 78, XXVI, 146; cede to Spain, V, 236, XXVII, 78; regained, V, 236, XXVI, 269; cede to United States, V, 236, XIV, 138, XIX, 64.

*Settlements*: history, XXVII, 52-59; antiquity, 30; described, IX, 324, 325, XIV, 108, XXIV, 136, XXVI, 13, XXVII, 32, 48, 51, 72, 83, 93, 118, 119; land grants, V, 263, XXVI, 95, 96, XXVII, 47, 83; mining, XIV, 163, XV, 175, XXVI, 95, 252; fishing, XXVII, 36, 48; salt-making, XXVI, 97;



FRENCH: *Settlements* (continued)—

farming, X, 144, XXVI, 128, 148, 290, XXVII, 50, 65; wine-exporting, 69; in Arkansas, IV, 298, XIII, 111, 156; on Arkansas River, 101, 131, 139, 140, 144, 289; Green Bay, VIII, 232; in Michigan, 209; on Mississippi River, III, 257, IV, 360, VIII, 313, 327, XIII, 78, 308, 309, XIX, 50, 51, XXII, 207, 210, 215, XXIV, 111, 127, XXVI, 12, 109, 120, 133, 143, XXVII, 40; Missouri, V, 257; Wabash, XI, 280; in West Florida, IV, 339, 340; on Wisconsin River, IX, 188 (see also Avoyelles, Baton Rouge, Cape Girardeau, Cahokia, Côte sans Dessein, Detroit, Florissant, Kaskaskia, Mackinac, New Madrid, New Orleans, Natchez, Natchitoches, Owen's Station, Point Coupée, Portage des Sioux, St. Charles, Ste. Geneviève, St. Louis, and Vincennes); abandoned, XXVII, 51, 77, 93; decline, XIX, 58, 59, XXVI, 13, 98, 129, 277. Settlers, characteristics, I, 141, 210, 231, 299, II, 205, V, 180, 249, VIII, 358, IX, 331, X, 264, XIII, 109, 112, 309, 316, XIX, 174, XXI, 58, 299, XXIII, 46, 93, 172, 209, XXIV, 137, XXVI, 13, 143, 144, 255, 261, 274, 277, 288, 289, 297, 298, XXVII, 31-33, 48, 51, 53, 58, 72, 83, XXIX, 364; compared with Americans, I, 303, III, 185, VIII, 12, 13, XIV, 109, XXVII, 31, 48; affability, XIX, 347, XXI, 226; civility, XIX, 124, XXVII, 32; credulity, XXIII, 394; curiosity, XVIII, 121; degeneracy, IX, 331, XIX, 59, XXVII, 83; fear, V, 204-207; games, XXIII, 298; hardness, XV, 195, XXVII, 73, 108; hospitality, XIII, 63; inhospitality, XXIII, 155; indolence, I, 152, V, 259, VIII, 219, 313, XVIII, 122, XIX, 60, XXVII, 48, 119; ignorance, XIII, 161, XXVII, 84; simplicity, 48, 53, 72; speculation, I, 120; superstition, XIX, 60, XXIII, 200, 201, 366, XXVII, 251; genealogies of, 64; half-breeds, VI, 379; Trappist monks, XXVI, 193.

*Immigration*: V, 291, X, 240, XIII, 109, XIV, 99, XIX, 59, 119, XXI, 57, XXVII, 117; American attitude toward, XII, 136; in Charleston, XI, 97; Indiana, 256, XXII, 178, XXIV, 139; Kentucky, III, 18, 39, 41, 66, 306, X, 43; New Mexico, XVIII, 76, XIX, 333, XX, 26; New York, VI, 193; Ohio, III, 18, 34, 179, 182-184, IV, 149, 158, 228, VIII, 263, IX, 112, X, 227, XIII, 56, XXII, 152 (see also Gallipolis); Oregon, XXI, 299, XXVII, 386, XXIX, 59, 90, 91, 99, 117, 120, 128, 133, 151, 165, 180, 191, 276, 279, XXX, 178-180, 213; Pennsylvania, III, 31, 155, 167, IV, 87, VI, 57, XXII, 64, 94. Relations with Americans, III, 76, XXI, 36; with Democratic party, XI, 58; ministers to United States, III, 27, XII, 47, 48; consuls, XI, 66, 92; commerce, III, 203, XII, 66. Relations with Mexico, XVIII, 316; claims against, XIX, 274, XX, 100, 200; merchants in, XVIII, 361-363. On Falkland Islands, VI, 203. Privateers at Sumatra, VIII, 36. Vessels in California, XVIII, 262.

*In the Wilderness*: hunters and trappers, I, 131, IV, 359, VI, 260, 367, XVI, 25, XVII, 12, XVIII, 119, 129, 134, XXI, 202, 212, 213, 336, XXVII, 50, XXVIII, 239, 240, 243, 247, XXIX, 41 (see also Fur Trade); fishermen, VI, 378; engagés, V, 42, VII, 126, XIII, 139, 227, XV, 282, 311, XVI, 58, XVII, 12, 23, 25, XXI, 298, XXVI, 279, XXVII, 59, XXIX, 54, 232 (see also Fur Trade); guides, XV, 213; interpreters, XIV, 14, XV, 206, XVI, 200, 225, 282, 283, XIX, 178, XXII, 227; voyageurs, III, 31, IV, 147, V, 86, 149, 168, 198, VI, 33, 34, 54, 55, 130, 190, 191, 195, 253, 299, 381, 386-388, 395, VII, 115, 247, IX, 324, XII, 243, XIII, 106, 108, 193, XXII, 238, XXIII, 28, 29, 136, XXVI, 60, 68, 88, XXVII, 43, 57; characteristics, VII, 174-176, 180; food, V, 41, 54, VII, 179, XXIX, 93; dress, XIII, 127, XXIX, 42; singing, V, 39, 40, VII, 42, 176; immorality, V, 99, 140, 181, 199, VII, 176; ignorance, VI, 102 (see also Transportation: boatmen). With Astorians, V, 35, 70, 75, 224, VI, 104, 189, 195, 197, 254, 280, 282, 284, VII, 9, 11, 41-43, 54, 76, 215, 225, 231; on "Tonquin," 45, 50, 54, 56, 58, 76, 87, 99; "Beaver," VI, 276; "Raccoon," 302; with De Smet, XXVII, 191, 358, 360, XXIX, 371; Gregg, XIX, 220, XX, 104; Kipp, XXIV, 53; Lewis and Clark, XXI, 99; Long, XV, 195, XVI, 26; McKay, XXI, 225, 229; Maximilian, XXIII, 206; Pattie, XVIII, 119-122; on Western rivers, VI, 44, VII, 211, XIV, 109, 199, XVII, 69, XXII, 239, 242, 257, 276, 363, XXIV, 16, 34; at Western forts, I, 204, 232, VI, 388, VII, 176, XIII, 106, XIV, 187, XXI, 299, XXII, 317, 374, 377, XXIII, 61, 124, XXIV, 12, 13, 16, 96, 107, XXVIII, 174, 320, XXIX, 363, XXX, 210.

*Relations with Indians*: in general, I, 24, 26, 29, 36, 47, 48, 53, 54, 64, 65, 72, 76-79, 86, 113, 120, 127, 146, 153, 158, 159, 165, 167-172, 195, 212, 228, 232, 242, 250, 278, 318, 319, II, 41, III, 183,



IV, 44, IX, 330, XIII, 111, 303, XV, 122, XVIII, 122-129, XXI, 58, XXIV, 163, XXVI, 134, XXVII, 47, 48, 68, 71, 111, XXIX, 260; compared with English, I, 209; incite Indians, English, and Americans, 139, 142, 144, 145, 162, 163, 170-172, 252, 305, XV, 57, XVI, 279, XXVI, 133; use Indians in war, I, 280, 320; adopt Indian customs, 170, 171, XIII, 111; take lands from, I, 160, VIII, 209; intermarry with, I, 318, XV, 38, XX, 346, XXI, 299, XXII, 218, XXIII, 85, XXIV, 17, XXVII, 386; fear of, XXIII, 183; relations with Adirondacks, II, 42; Arikara, V, 127; Arkansas, XIII, 140; Blackfeet, XXI, 234; Chickasaw, 358-362, 364; Chippewa, XXIII, 192, XXIV, 277, XXVIII, 156; Delawares, I, 85, 86; Illinois, XIII, 358, XV, 134, XXVI, 123, XXVII, 38; Iroquois, I, 26, II, 42; Kansa, XXII, 256; Kutenai, XXIV, 234; Mandan, V, 114; Miami, XXIV, 137; Minitaree, V, 156; Missouri, XV, 135; Natchez, XIII, 347, 355; Osage, 279, XVI, 249; Pawnee, XIV, 228, XV, 143, 202, 203, 213, 220; Ponca, XXII, 285; Potawatomi, I, 115; Quapaw, XIII, 119, 120, 122; Shawnee, I, 83, 85, 86; Shoshoni, V, 234. See also Fur Trade, Indians, Treaties, Wars, and the separate tribes.

*Language*: II, 37, VIII, 362, IX, 326, X, 240, XIV, 78, XVII, 289, XVIII, 159, XXII, 152, 211, 226, 241, XXVI, 292, XXVII, 386, XXIX, 136; in settlements, XXVII, 55; geographical nomenclature, I, 24, V, 203, 242, 274, VI, 54, 94, VII, 148, VIII, 227, 232, X, 329, XIII, 68, 81, 121, 122, 130, 146, 148, 174, 177, 194, 197, 198, 209, 231, 233, 234, 237, 286, 309, XIV, 84, 147, 159, 162, 174, 181, 240, XV, 271, 280, XVI, 26, 36, 188, XVII, 53, 60, 64, XIX, 54, XX, 251, XXI, 49, XXII, 330, 346, XXIII, 29, 34, 52, 58, 84, XXVI, 53, 54, 117, 128, 231, 260, 273, XXVII, 104, 138, 333, XXVIII, 355, XXIX, 268; translation of Indian names, XIV, 275, XV, 14, 56, XVI, 266, 275, XXIV, 139; names for Indian tribes, I, 23, 31, II, 78, XVI, 55, 105, XXII, 96, XXVII, 167; botanical nomenclature, V, 42, XIV, 129, 213, 294, XV, 217, XX, 254, XXI, 248; zoölogical, I, 311, V, 170, XI, 158, XVIII, 91, XXIII, 30; geological, V, 248; authors, XIII, 326, XVIII, 314, 375, XIX, 44.

French Grant (Ohio), colony, IV, 127, 146, 148, 156-159.

French Lick (Ky.), health resort, described, X, 62; sketch, 63.

French Margaret's Town (Ohio), IV, 222.

French Prairie (Oregon), earliest settlers, XXIX, 120, 167, 284, 386; Canadians, VII, 231; landing place, XXX, 179; Laframboise in, VII, 248; Palmer, XXX, 180, 181.

Frenchtown (Md.), Faux in, XI, 111.

Frenchtown (Mich.), Winchester in, VIII, 210; sketch, 209.

Friars. See Catholics.

Fridges, —, West Florida planter, IV, 338.

Friedrich, Karl, king of Wied-Neuwied, XXII, 10.

"Friendly Association," Pemberton in, I, 290.

Friends, Society of, influence upon Indians, XIII, 260; among Shawnee, XXVIII, 137.

Frijoles, article of food, XIX, 318.

*Fringilla, canadensis*, XXIV, 77; *linaria*, 44; *ludoviciana*, 107.

Fristoe, —, in Virginia, IV, 172.

Frobisher, Samuel, in fur trade, II, 15, VI, 376.

Frogs, noted, XI, 89, XIII, 180, 205, XXII, 59, 116, XXVII, 262; numerous, IX, 157, 158, XXII, 83, 102, 273, 385, XXIV, 94, 118; habitat, IV, 310, X, 290; size, XXIII, 29; croakings, XXVI, 79; in Indian legend, XXIII, 307, 343; varieties (*rana, clamata, femoralis, halecina, occularis, pipiens*), XV, 324, XXIII, 250; tree, 175, 183, 250, XXIV, 118, 157; horned (orbicular lizards), VI, 103, XIV, 210, 213, XVI, 26, 44, 89, XIX, 328, XX, 218, 281, 282, XXVIII, 222; bull, XII, 87, 99.

Frontenac, Louis de Baude, Comte de, governor of Canada, II, 45, 48; names river, XXVII, 36. "Frontenac," Flint on, IX, 321.

**FRONTIERSMEN** (Backwoodsmen, Pioneers): place in American history, XXX, 9; annals of, V, 15, VIII, 13, XXVI, 63; described, III, 19, 189-194, IV, 11, 12, 43, IX, 9, 10, X, 135, 316-318, XI, 12, 15, XII, 65, 292-294, XXVI, 12; isolation of, III, 215, XII, 101, 105, 107, 110, XXVI, 60, XXX, 240; hardships, VIII, 10, 47, IX, 218, 227, 251, 257, XII, 120, 251; qualifications, XI, 155, XII, 110; social conditions, III, 61, 64, 137, 150, 163, 267, 301, IV, 97, 100, 119, 131-134, 152, 163, 173, 178, 179, 229, 230, 267, 336, 352, 357, V, 12, 303, VIII, 10, 207, 219, IX, 79, 217, 218, 251, 257, X, 12, 38, 336, 346, XI, 10, 12, 170, 235, XII, 198, XIV, 58, XXVI, 244, XXVII, 27; progress, IX, 10, XI, 13, XIV, 9, XXVI, 12, 294, 302; migratory habits, III, 19, 152, 192, VIII, 135, 136, X, 266, 310, 311, 318, XI, 84, 179, XII, 16, 107, 229, XIII, 59, XIV, 169, 170, XVIII, 10, 11, XXVI, 279, XXVII, 53; visit springs, X, 226, XIV, 59; withdraw before civilization, V, 12, 281, X, 45; squatters, IX, 180, XI, 100, 101, 221, 283, XII, 235, 298, XIII, 13, 213, XVII, 33, 55, XIX, 65, XXII, 182, 192, XXIV, 165, XXVI, 62, XXVII, 98, 99; as farmers, V, 275 (see also Agriculture, Farmers, and Planters); guides, XXVII, 299; hunters, VIII, 52, 64, X, 127, 259, XIII, 69, 140; missionaries, XXVIII, 10 (see also Missions); jealous of Easterners, XIX, 12; comparisons, old and new societies, VIII, 13, 101, 102, IX, 291; East and West, XII, 120, 258, XIX, 12, 29; North and South, 126, 127, XXVI, 311; England and Illinois, X, 130, 131, XII, 59; attitude toward English, XI, 14.

**Localities:** Arkansas, XIII, 161; California, XXX, 88; Illinois, IV, 277, 319, X, 49, 130, XIX, 60, XXVI, 370; Indiana, IX, 236; Kentucky, III, 245, 282, XII, 13, XIV, 126; Louisiana, IV, 341, 342, 361, VIII, 13, 298, 336-338, 345; Michigan, 218; Mississippi, IV, 12, 316, 319, 323, 324, 352, 353; Missouri, XXVI, 259; Ohio, XIX, 92; Oregon, XXVIII, 13, XXIX, 22-24, 59; Pennsylvania, III, 152, IV, 86, 255, VIII, 252, XII, 20, XIX, 29; West in general, III, 15, 267, IV, 236, IX, 11, X, 12, XI, 14, 58, 110, 198, 200, 201, 230, 235, XIV, 67, XIX, 14, 80, 132, 137, XXVI, 13, 44, 143, 303; Southwest, IV, 281, 298, 299, 337, 349, V, 260.

**Characteristics:** in general, V, 36, 292, VIII, 147, 148, 217, 336, 358, IX, 48-50, 79, 165-172, 232, 233, 236, 312, X, 227, 316-319, XI, 10, 11, 15, 58, 114, 125, 134, 135, 198, 208, 213, 223, 230, 265, XII, 13, 38, 69, 90, 100-102, 104-106, 149, 169, 170, 258, 259, 305, 308, XIV, 174, XVII, 32, 33, XVIII, 10, 11, 26-28, 306, 329, 330, XIX, 92, 95, XXI, 43, XXII, 42, 45, 179, XXVI, 277, 279.

**Democracy:** V, 13, 291, 292; social equality, IX, 11, 62, 63, 80, 161, 168-170, 292, X, 66, 94, 99, 105, 106, 161, XI, 96, 101, 126, 162, 178, 184, 191, 253, 285, XII, 74, 104, XXII, 52; use of titles, IX, 11, 169, XI, 205, 206, XII, 53; independence, IX, 33, X, 105, 317, XI, 68, 69, 216, 260, XII, 27, 28; class distinctions, XI, 14, 157, 190, XII, 305, 335, XXII, 156; absence of titles, XII, 25; lack of privacy, III, 178, 179; servility, XVIII, 358; incivility, XII, 95, 164; equality, XI, 216, 230; scarcity, X, 103, 105, 123, 129, XII, 74, 95; indentured, IX, 123, XII, 306; tipping, 164. See also Economic Conditions: Labor and Wages, Negroes, and Trades.

**Virtues:** bravery, XI, 110; civility, III, 149, 180, IV, 236, V, 304, IX, 62, 137, 292, 293, 312, X, 95, 196, 255, 261, 262, 316, 317, XI, 73, 74, 96, 199, 222, XII, 53, 205, XIX, 134, XXIV, 123; enterprise, III, 140, V, 260, IX, 50, 170, 204, 275, X, 123, 155, XII, 230, 280, 314, XIII, 45, XVIII, 327, 329, 332, XIX, 12, 303, XXI, 24, 311, XXIV, 193, XXVI, 277, XXVII, 236, XXIX, 116; hospitality, III, 54, 87, 190, 199, 210, 212, 253, 269, 294, IV, 133, 134, 149, 200-202, 206-208, 213, 266, 292, 325, 326, 330-333, 335, 341-344, 347, 360, V, 195, 292, 293, VIII, 48, 49, 52, 55, 61-64, 112, 116, 131, 164, 218, 237, 319, 340, IX, 11, 171, 293, 294, X, 94, XI, 26, 78, 81, 82, 133, 152, 173, 187, 244, 285, XII, 102, 114, 246, XIII, 48, 49, 53, 58, 223, XIV, 68, 169, XVII, 13, 33, 55, XIX, 29, 30, 135, 137, XX, 225, XXI, 126, 127, 131, 132, XXII, 113-115, XXIV, 117, 149, 155, XXVI, 321, 333, 351, XXVII, 21, 53, XXVIII, 12, 80, 82, 239, XXIX, 132, 235, 257, 258, 274, 369, XXX, 174, 180, 223, 230; im-

partiality, IX, 46; industry, 88, 106, 299, 303, X, 60, 317, XI, 202; ingenuity, 118, 231, 297, 298, 304, XII, 105, XIII, 68, XXVII, 116, XXIX, 322; kindness and generosity, IV, 163, 314, IX, 71, 72, 155, XI, 60, 178, 201, XII, 84, XVIII, 358, XXI, 221, 222, XXIV, 121, XXX, 148; love of home, XII, 229; neatness, IX, 305, XVII, 58, XXI, 299; neighborliness, III, 171, V, 12, 13, 283, IX, 233; patriotism, X, 26, XI, 135, XVIII, 346, 347, XIX, 234; practicalness, XXVI, 236; refinement, XII, 53, 54; reserve, 326; sensitiveness, XI, 10, XII, 341; shrewdness, XI, 204, XII, 120; simplicity, XI, 83, 84, XII, 95, 96, XIX, 14; versatility, X, 131, 259, 317, XI, 248, XII, 11, 227, XVIII, 29; watchfulness, X, 40.

*Defects:* in general, VIII, 131, IX, 113, X, 14, 94, XI, 130, 131, 190, 191, XII, 106, 181, 302, 309-311, 322, XIV, 159, XV, 170, XIX, 12, XXI, 40, XXIV, 149, 150; avarice, VIII, 346, IX, 170, XII, 90, XXVI, 199, 349-351, 370; brutality, III, 263, IX, 109, 138, 139, 151, 163, 197, 256, XI, 41, 137, 138, 178, 222, XII, 57, 220, 238, XIII, 342, XIV, 242, XXII, 211, XXVI, 322; curiosity, III, 248, IV, 311, V, 292, IX, 99, 169, 312, X, 195, XI, 9, XIV, 159, XXI, 132, XXII, 145, XXIV, 120, XXVI, 13, 129, 243, 289, 292, 348, 350-353, XXVII, 32; dishonesty and trickery, III, 185, IV, 273, IX, 227, XI, 118, 125, 189, 190, 216, 259, 260, 265, 299, XII, 65, 75, 82, 83, 93, 96, 101, 102, 226, 247, 265, 269, 307, 308, XVIII, 363, XX, 93; extravagance, VIII, 138, XI, 71, 223, XII, 165, XIII, 65, XXII, 53; ignorance, III, 70, VIII, 124, 281, IX, 291, X, 126, 127, XII, 204, XIII, 57, 281, XXII, 165, XXIV, 137, XXVI, 367; immorality, VIII, 281, 348, IX, 88, 137, 167, 198, 218, 291, X, 44, XI, 14, 71, 83, 117, 118, 303, XII, 65, XIII, 49, 222, XIX, 108, XXI, 222; improvidence, V, 295, 82, 147, 149, XI, 233, 237, 257, XIII, 107; incivility, VIII, 148, IX, 95, 96, 118, 168, XI, 259, 292, 299, XII, 13, 181, 205, 206, XVII, 18, XIX, 33, XXII, 42-44, 53, 157; indolence, III, 70, 193, IV, 37, V, 43, VIII, 348, X, 135, 317, XI, 15, 142, 203, 215, 219, 220, 223, 237, 252, 253, 286, XII, 181, 199, 214, 229, XIII, 57, XVII, 32, XIX, 65, 256; inhospitality, VIII, 65, XII, 67, 225, XIV, 130, XV, 111, XX, 164; intemperance, III, 135, 138, 139, 144, 152, 199, 217, IV, 57, 62, 63, 137, 283, 284, 319, 375, V, 280, VI, 32, 57, 89, VIII, 23, 128, 201, 260, 261, IX, 79, 88, 107, 142, 167, 171, X, 245, 317, XI, 196, 213, 252, 260, XII, 21, 59, 103, 166, 182, 232, 294, XIII, 69, 286, XVI, 190, XX, 37, 193, XXII, 106, 137, 180, XXIV, 96, 99, 100, 115, XXVI, 62, 130, 241, 321, 322, 356, 357, XXIX, 100, XXX, 34, 208; love of money, XI, 15, XII, 90, 225, 247, 305, XIX, 27, 92, XXII, 157, XXIV, 143; of praise, XI, 26, 63, 99; pride, 291, XII, 62, 116, 149, XXII, 156, 157; profanity, IX, 79, 88, 107, 167, 171, 324, XI, 199, XII, 178; procrastination, XI, 246; recklessness, 258; superstition, VIII, 148, IX, 152, 153, 156, X, 301, 302, XI, 107, XX, 97, XXII, 169, 170, XXIII, 341, 342, XXIV, 137, XXVI, 63, 336, 337; uncleanness, XI, 63, 213, 226, 268, XII, 201, 214, 221, 283, XVI, 190, XXVI, 112, 369; untruthfulness, XI, 215; vulgarity, VIII, 261, XI, 226, XII, 220, XXI, 129.

*Language:* VIII, 362, X, 14, 334, 345, XVIII, 236, XXII, 85, 114, 126, 211; conversation, IX, 288, 289, X, 345, 346; speeches, 277; nicknames, XIV, 67; proverbs, XXII, 196; place-names, XXIV, 179, XXVI, 130, 131; town names, X, 329, XXVII, 105; literature, IX, 298, XXX, 53. See also English, French, etc.

*Religion:* regard for, XI, 131, XXVI, 333, XXIX, 131, 210; worship in homes, XI, 239, 240, XXIX, 303, 304; church decorations, XIX, 272; collections, X, 194; processions, XX, 44-46; orders and convents, VIII, 338, XII, 206, XIX, 121, XXVI, 194, 261, 262, 278, XXVII, 118; Sabbath observance, IV, 363, 365, VIII, 326, IX, 63, 64, 94, 109, 112, 151, 155, 199, X, 108, 124, 125, 255, 256, XI, 55, 61, 115, 165, 208, 210, 227, 228, 239, 253, XII, 76, 126, 169, 240, 268, 306, XIII, 221, 317, XIX, 125, 134, XX, 34, XXI, 94, 131, XXII, 54, 157, 180, 181, XXIV, 151, XXVI, 86, 311, 334; hostility to Mormonism, XXIV, 120. See also Bells, Churches, Clergymen, Religion, and the different denominations.

*Home-Life:* houses, III, 300, 301, IX, 34, 122, XI, 81, 106, 185, 199-203, 206, 225, 226, 231, 248, 250, 253-257, 261, 269, 278, 286, 300, 304, XII, 76, 78, 162, 163, 222, 236, 237, XIII, 308, 309, XIV,

FRONTIERSMEN: *Home-Life* (continued)—

134, XVII, 34, XIX, 125, XXII, 199, 207, XXIV, 113, 116, 123, 133, 134, XXVI, 106, 304; of brick, XIX, 253, XXX, 174; of wood, XXI, 147, XXII, 98, 102, 106, 121, 134, XXIV, 125, 158, 173, 179, XXIX, 20, 64; of logs, VIII, 125, XXIV, 31; pictured, XI, 20, XII, 142, 189; of sod, XXIII, 270; of mud, XIX, 252, XX, 143, XXIII, 270; tents, XI, 291; heating, XII, 18; fire-places, XXII, 50; chimneys, XI, 286; dining rooms, XII, 166, XXIX, 66; kitchens, XII, 219, 220; cellars, XXVI, 210; verandahs, XIX, 121, XXII, 211; windows, XIX, 312; lightning rods, IX, 244; roofs, XVIII, 77; ice-houses, XXIX, 249; country seats, XXI, 77, XXII, 50, 55, XXVI, 162, 248, 252, 255, 258; paintings, XIX, 71 (see also *Architecture*); fires, XI, 286, XXVI, 172, 212, 234, 302, 344, 346; fire-proof, XIX, 335; prairie and forest fires, III, 221, 222, X, 122, 266, 267, 350, XI, 224, 227, 247, XIII, 284, XIX, 209, XXII, 98, 99, 103, 259, 276; irrigation, XXVIII, 294; wells, IV, 319, X, 273, 274, XI, 235, 246, 286, XII, 13, XX, 164, XXII, 75, XXIV, 134; cisterns, XXII, 88; pumps, XII, 192; fountains, XI, 129, XX, 174, XXIV, 143; public baths, IX, 47; water-works, XIX, 301, XXVI, 153, 154, 156; shade-trees, XXII, 48, 131; mile stones, 121; street lamps, III, 130; land improvements, V, 281; sewage, X, 70; resorts, XIII, 39, 158, XIX, 252, XX, 159, XXI, 23. See also *Agriculture*, and *Lands*.

*Families*: celibacy, XXII, 140, XXIV, 155; bachelors, XIII, 307, XVIII, 361; chastity, IX, 142, XX, 60, 61, XXI, 127; polygamy, XX, 100, XXVI, 357, 358; concubinage, XVIII, 154, 338; courtship, XI, 296, 297; parental restraint, IX, 219; elopement, 108, 218, 219, XII, 59; marriage laws, X, 131, 132; marriage, IX, 122, X, 99, 129, XI, 163, XIX, 221, XX, 23, 26, 49-51, 94; early marriages, IX, 165, XIX, 81, 93; ceremonies, X, 132, XI, 80, XII, 298; marriage settlements, XI, 300, XII, 59, 299, XXVII, 45; honeymoon, XXVI, 171; runaway wives, IX, 167; widows, XVIII, 347, 360; position of women, XII, 266, 336-338, XXVII, 54; influence, VIII, 112-115, XII, 82; preponderance of men, IX, 251, 252, X, 336; drudgery of women, XI, 215, 246; occupations, IX, 106, 270, X, 247, 284, XI, 201, 296, XII, 254, 265, XIX, 335, XXI, 127; home industries, III, 151, 292, V, 284, 285, VIII, 219, 220, IX, 188, 265-267, X, 284; implements pictured, IX, 41, 61, 125, XII, 203; horsemanship of women, 12, XXVI, 172; intrepidity, XIII, 50; large families, IV, 101, X, 247; discipline, IX, 108, XI, 130, 131, 178, 179, 191; early rising, 56, XII, 114; children, XI, 130, 152, 164, XII, 81, 82; attention to old, 199; longevity, 284, XXII, 171; christenings, XII, 299, XX, 52, 53; primogeniture, 324, 325; bequests, 173, 174, 237.

*Costume*: III, 70, 193, 279, 280, VIII, 124, IX, 46, 62, X, 80, 236, 284, 316, XI, 69, 80, 175, 182, 192, 216, 251, XII, 170, 218, 226, 272, XIII, 109, XVIII, 152, XIX, 122, 125, 201, XXII, 43, 44, 46, 51, 53, 111, 130, 141, 142, 157, 180, 378, XXIV, 134, 156, XXVI, 132, 210, 235, 314, XXVII, 55, XXIX, 193; ornaments, X, 193, XIX, 345, XXI, 58, XXII, 68; dress of negroes, XXIV, 123; French settlers, XIII, 79, 309, XXI, 58, 213, XXVII, 55, 56; Mexicans, XIX, 235, 338, 339, XX, 65, 66. See also *Clothing*.

*Mortuary Customs*: burials, X, 319, XII, 64, 291, 299, 313, XVIII, 154, 335, XX, 52, 53, XXI, 93, 94, XXII, 130; coffins, XI, 144, XII, 66, XIX, 184, XX, 53; wake, X, 195; reverence for dead, XXVI, 325-327; churchyards, XXII, 63, 72, XXVII, 63, 64; cemeteries, IV, 329, VIII, 340, X, 190, 319, XI, 77, XII, 66, 129, 291, XIII, 197, 315, 316, XIX, 270, XX, 53, XXVI, 175, 176, 325-329; tombstones, XXII, 124, 125.

*Miscellaneous Customs*: VIII, 47, 218, 219, XI, 103, 198, XII, 85, 86; marksmanship, III, 135, V, 280, XII, 272, 273; firing signals, XI, 52, 54, 109, XIII, 130, 217, 218, XVII, 72, XIX, 234, XXVI, 118; duelling, III, 56, IV, 330, XI, 160, 70, 71, 90, 97, 104, 122, 134, 185, 199, 215, XII, 64, 65, 82, 86, 87, 301, 311-313, XXVI, 10, 115, 160, 270-272 (see also *Indians*); woodcraft, V, 303; horsemanship, XXII, 88, 180; celebrations, IV, 334, IX, 146, 147, 151, 173, XII, 316-318, XIV, 274, XXIV, 151, 157, 158; for Christmas, I, 288, X, 123, 124, XI, 300, XIII, 135, XIV, 274, XXIV, 48, XXIX, 297-



300 (see also Amusements, and Fourth of July); log-heaving, XI, 179; lot-drawing, XII, 71; present-giving, XI, 76, XII, 12; philanthropy, X, 29, 67, XI, 158, XII, 58, 299, 302, XXII, 59, 64, XXVI, 155, 164, 165, 175, 206, XXVII, 191, 206, XXVIII, 14, XXIX, 169. See also Crime, Economic Conditions, Education, Food, Indians, Libraries, Negroes, Religion, and Yankees.

Frost, J. H., founds mission, XXVII, 388.

Fruits. See Agriculture.

Fry, —, lawyer, IV, 126.

Fry, Elizabeth, English philanthropist, IX, 202.

Fry, Col. Joshua, commander-in-chief, I, 98.

Fryburg, —, cattle-man, XII, 321.

Frye, Amos E., Western expedition, XXVII, 236.

Fuca, Juan de, navigator, VI, 256.

Fuel, abundant, V, 266, 267, VII, 298, XVII, 114, XIX, 120; scarce, VII, 227, VIII, 111, XIV, 20, 161, XVI, 93, XVIII, 39, XIX, 298, XXVIII, 54; in Illinois, XIX, 56; Pennsylvania, XII, 276; wood used for, III, 123, 155, 196, IV, 28, 164, 193, V, 295, VI, 112, IX, 60, 152, XI, 113, 121, XII, 276, XIV, 80, 106, 122, 148, 150, 157, 161, 173, XVI, 244, XIX, 120, 128, XXI, 135, XXII, 147, 154, 167, 203, 205, 210, 276, 314, 332, 340, 372, XXIV, 122, XXVI, 210, XXVIII, 105; prejudice against coal, V, 295; red cedar, XXII, 292, 295; driftwood, X, 247, XXIX, 285; buffalo-dung, V, 144, 149; cutting wood, IX, 60, XVII, 121, XXVII, 45; cost, XXX, 219; prices, X, 42, XII, 164, XXII, 167; woodyards, XXVI, 90, 101. See also Coal.

Fueros, jurisdiction of, XX, 29, 30.

*Fulgur perversus*, described, XIV, 119.

Fullerton, Humphrey, in Chillicothe (Ohio), IV, 212.

Fullerton (Nebr.), location, XV, 142.

Fulton, —, fur-trader, II, 157, 159-163.

Fulton, Robert, invents steamboat, IX, 46, 154, XXVI, 57; agents, IX, 86; law suit, XXVI, 57; town named for, XXI, 131.

Fulton, Samuel, in North Carolina, III, 89, 90.

"Fulton," American steamship, IX, 45, 46.

Fulton (Mo.), county seat, XXX, 32; sketch, XXI, 131.

Fulton (Canal Fulton, Ohio), described by Maximilian, XXIV, 157.

Fulton County (Ark.), Mammoth Spring in, XVII, 35.

Fulton County (Ill.), in bounty tract, XXVI, 128; Barlow in, XXX, 120; Buffum, 142.

Fulton County (Pa.), fort in, I, 239.

*Fumaria aurea*, observed by Nuttall, XIII, 90.

Fumeroles, observed by Nuttall, XIII, 85.

FUR TRADE: in general, I, 89, II, 10, 11, 14-16, V, 87, 97, VII, 34, 177, 178, 271, VIII, 12, IX, 212, XV, 236, XVIII, 9, 10, 38, XXI, 23, 28, XXII, 235, XXIII, 84, XXVII, 54; history of, V, 37, VIII, 222; extent of, XXI, 11, XXIX, 125; pioneers engage in, III, 190, IV, 299, 353, XIV, 166; French, I, 171, II, 15, III, 77, 94, V, 76, 127, VI, 384, VII, 34, XIV, 108, XXI, 43, 193, XXVII, 43, 54 (see also French: Relations with Indians); English, I, 24, 89, 111, 115, 159, II, 11, 15, 52, V, 225, VI, 17, 191, 384, 405, VIII, 222, XXVIII, 35, XXIX, 63; Russians, VII, 36; Spaniards, XVI, 105, 205, XVII, 156, XXVIII, 35, 37; rivalry in, I, 19, 67, 68, 140, II,



## FUR TRADE (continued)—

14-16, 45, 87, 167, 169, VI, 17, 27, XIII, 59, XV, 27, XVI, 280, XXI, 45, 157, 192, 280, 314, XXII, 15, 250, 339, XXIII, 198, 202, 204, 228, 229, 235, XXIV, 16, 49, 93, 116, 117, XXVIII, 15, 306-308, 321, XXIX, 27, 59, 100; protected by government, XIV, 9, XX, 224, 226; monopoly in, XIII, 237, XIX, 63, XXI, 84, XXVIII, 10, 15, 306, 307, 321; privileges, XXVII, 54; licenses for, XVIII, 10, 14, 38, XX, 23, XXII, 257, XXIV, 97; laws defied, XXI, 45; law prohibiting liquor, XXII, 254; effect on agriculture, VI, 401, XIV, 126; on emigration, XXVI, 143; decline of, XXII, 378, XXVIII, 321, XXIX, 93, 94; superintendent for, XXIII, 191; profits, VIII, 222, 231, XVI, 280, XIX, 63, XXII, 233, XXIX, 60.

*Companies:* XIX, 221, XXIV, 45, XXVII, 138, XXIX, 54; history of, VII, 35, XXII, 232-234, XXVII, 59; British, V, 225, VII, 11, VIII, 230, XXII, 233, XXIII, 126, 127, 152, 153; consolidation, VI, 17, 241, XXI, 9, 278, XXII, 233; Columbia Fishing and Trading, XIII, 15, XXI, 12; French Fur Company (St. Louis), XXII, 232, 301, 315, XXIII, 225, 227, XXIV, 16; Hudson's Bay, II, 12, 200, XXI, 9, XXIX, 94, XXX, 217; Mackinac, VII, 35; Northwest, II, 16, 79, VI, 14, 17, 314, 315, VII, 10, XI, 145, XXI, 9; Pacific, VII, 34-37, 40. See also American Fur Company, Astoria, and the several companies.

*Localities:* in Canada, II, 35, 36, 38, 45, 76, VII, 34; California, XXI, 298; Great Lakes, II, 50-52, 79, VII, 35, VIII, 85, 234; Kamtschatka, VII, 233; Illinois, III, 70, 71, IV, 266, XIII, 117, XXI, 184, XXVI, 133, XXVII, 118; Northwest Coast, VI, 258, 375, VII, 36, 161, 166-199, XI, 46, XXI, 9, 33, 335, XXIX, 41, 60; Northwest interior, V, 114, XI, 54, XV, 246, XXVII, 146, 340, XXIX, 52; Oregon, VI, 13, 287, 401, VII, 10, 103, 228, 231, 271, XXI, 10, 69, XXII, 374, XXVIII, 9, XXIX, 56, 117; Pennsylvania, I, 23, 26, 239; Southwest, XIII, 252, 263, XVI, 206, XVIII, 9, 10, XXII, 272; Arkansas Valley, IV, 298, 299, XIII, 13, 61, 131, 139, 236, XIV, 243, XV, 274, XX, 108; Mississippi Valley, III, 191, 254, IV, 281, 283, 359, V, 262, XXI, 45, XXVI, 145, 146; Missouri Valley, III, 193, V, 97, 184, 262, VI, 10, 27, 36, 43, 56, 66, 83, 86, 268, 286, XIV, 126, 160, 165, 268, XV, 30, 201, 244, 282, XVII, 177, XVIII, 9, 10, 171, XIX, 63, XXII, 378, XXVI, 145, 146, XXVIII, 100; Mohawk Valley, I, 88, VIII, 158; Ohio Valley, I, 53, 89, 131, 134, 145, 284, 285, IV, 137, 144, 244; Wisconsin Valley, IX, 188.

*Posts:* II, 76, 79, 87, 163, VI, 260, 375, VIII, 207, 230, XIII, 15, 234, 246, 263, XIV, 95, 160, 168, 220, 228, 270, XV, 59, 193, 275, XVI, 185, 275, 277-280, XVII, 154, XVIII, 37, 38, 141, 283, XIX, 177, 238, XX, 107, 138, XXI, 12, 113, 125, 280, XXII, 58, 207, 374, XXIII, 16, 90, 156, 189, 353, XXIV, 180, XXVI, 16, 17, 119, XXVII, 135, 183, 307, 336, 386, XXVIII, 71, 178, 229, XXIX, 44, 77, 372, XXX, 74; described, II, 102, 148, 149, 200, XXVIII, 171, 172; abandoned, VI, 269, XXII, 336, 340, XXIII, 73; importance, II, 46-52; first beyond Rockies, V, 230, XV, 246; Fort Clark, XXIV, 19, 53; Howard, XXVI, 138; Kamloops, VII, 199; Lewis, XXIX, 359; Logstown, I, 28; Mackinac, VII, 177; Mandan, V, 10; Niagara, I, 54, XXIV, 165; Nootka, VI, 289, 290; Prairie du Chien, IX, 188; Pickawillany, I, 122; St. Josephs, 117; Spokane, VII, 244; Vancouver, XXI, 297, 298, 311, XXIX, 66; Verdigris, XIII, 228, 245; Vincennes, I, 142, XII, 237; William, XXVIII, 162, 171, 172 (see also Forts); headquarters, XXVII, 44, 55, 118, XXIX, 96; Detroit, I, 56, VIII, 222; London, XXIX, 60; New York, VI, 188; Pittsburg, III, 158, IV, 90, 325; St. Louis, III, 71, 72, 80, V, 262, VI, 10, VIII, 297, XIII, 282, XIV, 275, 313, XV, 282, XVIII, 10, XXVI, 165, XXIX, 233; Santa Fé, XVIII, 76.

*Methods:* II, 158, 165-168; brigades, XXIX, 260, 261; caravans, XXI, 11, 14, XXII, 13, 14, XXIII, 224, XXVI, 15, 16, XXVIII, 11, XXIX, 25; rendezvous, XIX, 189, XX, 23, 24, XXI, 10, 14, 57, 62, 63, 84, 192, 334, XXVII, 138, 163, XXVIII, 282, 341, XXIX, 25; camps, XXII, 32; paths, IX, 81, XXIX, 29, 30; canoe routes, VI, 374, 378, 379, 382, 384; portage, XXIV, 157; flotillas, VIII, 230, XXVII, 401; steamers, XXI, 46, XXII, 282, XXIII, 25, XXIV, 16 (see also Roads, and Trans-

portation); traffic begun, V, 166, XXI, 102, 103; prices fixed, VI, 114; barter, III, 193, 264, VI, 324, XIII, 83, XXII, 317, XXIII, 73, 74, 99, 229, XXVII, 81, XXVIII, 317, 341; credit, XIV, 309, XV, 78; merchandise used, V, 174, XI, 46, XV, 77, XVII, 154, 156, 169, XIX, 333, XX, 89, 137, 227, XXI, 137, XXII, 223, 224, 313, 322, XXIII, 277, XXIV, 72, XXVIII, 171, 253, XXIX, 60, 94, XXX, 31, 55, 74; ammunition, XXII, 389, XXIII, 146; prices, I, 142, XXIII, 99, 100, 289, XXVIII, 316. See also Indians, Trades, and the several articles.

*Furs*: I, 41, 89, II, 76, 77, III, 264, V, 183, VII, 157, 158, 207, XI, 46, 182, 263, XIII, 324, XIV, 193, XVII, 169, XVIII, 349, 350, XXII, 327, 328, XXIII, 73, XXIV, 106, XXVIII, 71, 162, XXX, 260; terms for, II, 257, 258; as a standard of value, VIII, 230, XIV, 311; manner of dressing, XXIII, 200 (see also Indians: manufacture); packing, 143, 234; caches for, XVI, 125, XIX, 217, XXVIII, 105, 239, 292; transportation of, VI, 381; values, II, 139, VII, 95, 97, 155, 159, VIII, 231, XXI, 81; prices, I, 67, 68, 142, 171, IV, 137, VII, 166, 209, 244, 245, XIII, 88, XIV, 142, XVIII, 305, XXII, 327, XXIII, 104, 229, XXIX, 55, 174, 307; of bear skins, III, 290, X, 288, XI, 292, XXII, 46, XXIX, 55; beaver, V, 130, VII, 199, XXI, 261, XXII, 380, XXIII, 229, XXVII, 261, XXIX, 55; buffalo, V, 130, 132, 139, XII, 19, XXII, 382, XXIII, 102, 264, 289, 322, 323, 369; cougar, 119; deer, X, 290, XXIX, 55; ermine, XXIII, 289; fox, XXII, 381, XXIII, 249, XXIX, 55; lynx, 55; mink, 55; muskrat, XXII, 381, XXIV, 106, XXIX, 55; raccoon, III, 225, X, 288, XXIX, 55; sea-otter, XVIII, 305; weasel, XXIX, 55; wolf, XXII, 381, XXIII, 289, XXIV, 45, XXIX, 55; wolverine, 55.

*Trades*: qualifications, II, 108; classes, 75, XXIII, 25; bourgeois, XXI, 183; clerks, XXII, 17, XXIX, 54; factors, XIII, 193, XXIX, 54; free-trappers, V, 228, XXIX, 92, 101, XXVIII, 240, 258, 259; engagés, II, 144, XXIII, 62, 85, 88, 218, XXIV, 49, 50, 62, 63, 72, 75, 106, 314, 337, 372, 378, XXVII, 50, XXIX, 232, XXX, 78 (see also French: voyageurs, and Transportation: boatmen); Iroquois, II, 41, XXVI, 14; Indians, III, 94, IV, 144, 281, 283, VII, 95, 97, VIII, 222, XIV, 270, XVI, 213, XXI, 297; foreigners, VI, 193, VII, 11; characteristics, II, 205, VI, 71, 389, VII, 98, 177, 244, XV, 194, XXI, 32, 228, 231, XXII, 379, XXIV, 111, XXVI, 17, XXVII, 55, 193, XXIX, 119; disputes, XIV, 37, XVIII, 182, 183, XXIII, 128, 131; deserters, XXII, 294; dress, XXI, 176, XXII, 378, XXVIII, 175; amusements, VI, 71, 376, XXIII, 142; intemperance, XXVIII, 174, 175; equipment, XV, 76, 78, XVI, 207, XVII, 154, 156, XXII, 317, XXIV, 24, 31, XXVIII, 307, XXX, 73; wages, II, 11, 139, 140, VI, 229, XXI, 193; hardships and dangers, II, 140, 154, 164, VII, 173, XII, 192, XIII, 192, XVIII, 172, XXIV, 75, 76, XXVIII, 163, 164, 166, XXIX, 52; attacked, XV, 193, XXI, 197, 300, XXVIII, 71; imprisoned, XVI, 53, XVIII, 10; robbed, I, 40, 41, V, 67, VI, 60, 61, XXIX, 27, XXX, 57; relations with travellers, XIV, 24, XV, 195, XVI, 191, 200, XXI, 145, 148, XXVIII, 11; frontiersmen, XII, 192; with Indians, I, 221, 222, V, 176, 262, VI, 65, 66, 234, 243, VII, 103, 158, 177, VIII, 155, XIII, 257, XIV, 309, XV, 33, 96, 97, 104, 112, 136, 152, 282, 354, 355; XVI, 200, 207, XIX, 17, 338, XXI, 33, 46, 57, 83, 84, 192, XXII, 19, 233, 234, 257, 294, 379, 380, XXIII, 40, 61, 62, 71, 72, 74, 161, XXIV, 50, XXVI, 145, 146, XXVIII, 163, 166, 169, 272, 336, XXIX, 18, XXX, 57; effect on Indians, II, 16, 67-69, XXI, 215; influence over, VI, 28, 234, VIII, 222, 354, XIV, 9, XXI, 45; among Arikara, VI, 152, XXIII, 224, 386; Blackfeet, V, 225, XXI, 232, XXII, 377, XXIII, 96, 124, 158, XXVIII, 266; Cherokee, III, 264, XIII, 181; Creeks, XX, 102; Crows, V, 226; Flatheads, XXI, 63; Iowa, VI, 66; Kutenai, XXIII, 154; Mandan, VI, 152, XVII, 156, XXII, 16, XXIV, 77; Minitaree, XXIII, 230; Missouri, XV, 76, XVI, 280; Omaha, VI, 50, XIV, 269, 289, 307, 318, XVII, 151; Osage, XIII, 138, 139, 237, 238, XVII, 154; Oto, VI, 88, XV, 57; Pawnee, VI, 88, XIV, 223, 224, 241, XV, 143, 213, XXVII, 207; Ponca, V, 96, XXII, 289; Sauk and Foxes, VII, 186; Shewap, 207; Shoshoni, XXVIII, 262; Sioux, I, 169, VI, 64, 65, 152, XIV, 283, 284; Teton, 265; Twigtwee, I, 27, 66; Ute, XX, 83, 84, XXVIII, 166-170; retirement of traders, 173, 278, XXIX, 26, 191, XXX, 180, 213; massacred, XIV, 315, XIX, 238, XXI, 201, 344, XXII, 300, XXIII, 73, XXIV, 174; burial, XXI, 229;

FUR TRADE: *Traders* (continued)—

individuals engaged in, I, 27, 49, 56, 286, VII, 95, 199, 200, XVI, 276, XIX, 164, 221, 237, XX, 267, XXI, 314, XXII, 297, 314, 345, XXIII, 198, XXIV, 116, 192, XXVIII, 380, XXIX, 18.

Furniture, in general, XII, 102, 124, 260, XIII, 49, 50, XIX, 125, XXVIII, 127, 131, XXIX, 17; emigrants carry, III, 180, XII, 229, XIV, 59, XIX, 201; manufactured, X, 337, XXII, 127; woods for, III, 343, XXVII, 257; auction, X, 347; stolen, XIII, 222; war-booty, XV, 90; tax on, XII, 297; andirons, XXVI, 332; beds, XI, 297, XVII, 14, XXX, 12, 259; benches and chairs, XIII, 137, XIX, 137, 337; bowls, VIII, 65, 66, IX, 137, XIV, 190, 270, 290, 292, XV, 26, 72, 76, XIX, 306, XX, 65, XXI, 124, XXVII, 166, XXX, 19, 218; chafing-dish, XII, 299; curtains, 15, XX, 46; dishes, XIV, 199, 310, XV, 205, XVIII, 198, XX, 64, XXIX, 66; floor-cloth, V, 285; frying-pans, XIX, 206, XXVIII, 56, XXX, 60; goblets, VII, 212, 213, 221; gridirons, 161; kitchen-ware, XIX, 336, XXX, 12, 116; lanterns, XI, 237, XIV, 64; matting, XII, 124; mattresses, III, 137; nets, XI, 68, XX, 165; ovens, X, 255, XXX, 259; pans, XIV, 310; pictures, XI, 47, XII, 124, XXVII, 316; pillows, XV, 26; plates, X, 79, XVI, 271, XXVIII, 56, XXIX, 17; porcelain ware, IX, 135; rugs, III, 137, 169; saucepans, VII, 68; skillets, XI, 288, XIX, 206, XXX, 259; spindles, XIX, 339; spittoons, XI, 211; stoves, IV, 41, XII, 18, 220, XXII, 50, 106, 115, XXVIII, 380, XXIX, 66, XXX, 19, 259; thongs, XXVIII, 46; tongs, XX, 37; tumblers, XI, 300; wall-paper, XII, 102, XIX, 335; warming pans, XI, 47; miscellaneous, XII, 196, XXIV, 135; prices, V, 298, X, 335, XV, 170, XIX, 336, XXX, 219.

Further Laurel Hill (Pa.), post-station, XXII, 137.

Furze, habitat, XVII, 118, 149, XXIX, 37.

GABLER, —, violinist, IV, 81.

Gabriel, Flathead interpreter, XXVII, 233, XXIX, 329, 335, 342; with De Smet, XXVII, 398.

Gachupin, Mexican name for European Spaniard, XIX, 306.

Gage, Gen. Thomas, expels French from Vincennes, I, 141; recommends land grant, XXVII, 81; sketch, I, 147.

Gagnon, Ernest, *Louis Jolliet*, XXVII, 34.

Gaillardin, —, *Les Trappistes*, XXVI, 192.

Gainesville (Fla.), fort at, XXVI, 214.

Gairdner, Dr. —, illness, XXI, 333; sketch, 330.

*Galaridia acaulis*, observed by Bradbury, V, 320.

Galbreath, James, Indian trader, I, 21.

Gale, Dr. John, at Engineer Cantonment, XIV, 230; Camp Missouri, 283.

Gale, Joseph, editor, XI, 124.

Galena (Ill.), Hoffman in, XIX, 161.

*Galeodes*, habitat, XVI, 44; *pallipes*, XV, 288; *subulata*, 288.

Galissonière, Michel Rolland Barrin, marquis de la, governor of New France, I, 26, 61.

Galisteo Pueblo (N. Mex.), language, XX, 56; insurrection, XIX, 265, 266; fossils near, 312.

Galitzin, Madame de, founds school, XXIX, 234.

*Galium tinctorium*, on Meramec River, XIV, 107.

Gall, Franz Joseph, phrenologist, XXI, 165.

Gallagher, George, merchant, IV, 169, 170.

- Gallagher, William, quoted, XXVI, 230.
- Gallaher, Kate Adeline, married to Flagg, XXVI, 10.
- Gallaher, Sidney S., in Virginia, XXVI, 10.
- Gallatin, Abraham, friend of Bradbury, V, 195, 197.
- Gallatin, Albert, in Congress, III, 28; friend of Badollet, XXIV, 138; letter from Jefferson, IX, 214; negotiates treaty, XXIX, 57; founds town, III, 336; plan for internal improvements, IX, 186; river named for, XXVII, 224; opinion on hybrid buffaloes, XXIV, 129, 130; *Synopsis of Indian Tribes*, 130, 202, 205, 206, 220-225, 228, 229, 235, 261, 280, 296.
- Gallatin (Mont.), site, XXIII, 138.
- Gallatin (Tenn.), Bledsoe in, III, 60; Winchester, 61.
- Gallatin County (Ill.), drainage, XXII, 201; Shawneetown in, X, 254, 324, XIX, 43.
- Gallatin County (Ky.), seat, IV, 258.
- Galley, Cherokee village, XIII, 172.
- Gallia County (Ohio), drainage, XXII, 153; courthouse, IV, 148.
- Gallipolis (Ohio), origin of name, X, 329; location, III, 182, VIII, 263, IX, 110, XXII, 153; Indian mounds, XIX, 84; market, IV, 135; population, III, 35, 184, IV, 148; Americans in, III, 186; Bradbury, V, 244; Cuming, IV, 147; Flint, IX, 112; French settlers, III, 18, 182-185, IV, 12, 158; Germans, III, 186; Maximilian, XXII, 152; A. Michaux, III, 17, 34; F. A. Michaux, 186; Nuttall, XIII, 56, 57; Woods, X, 226, 227; sketch, IV, 148, 149, VIII, 263, IX, 100, X, 226.
- Galtier, Father Lucien, missionary, XXIX, 233.
- Galveston (Tex.), site, XXVIII, 149; founded, XXVI, 165; *Advertiser*, XIX, 165, XX, 224.
- Galvez, Don Bernardo de, in Revolution, IV, 323; in Baton Rouge, 340, 343.
- Gamble, —, lawyer, IV, 344.
- Gamble, Lieut. —, on Marquesas Islands, VI, 405.
- Game, abundant, V, 47, 52, VI, 49, 52, 63, 68, 108, 278, 279, VII, 50, 51, VIII, 52, 185, 192, 238, 240, 245, 255, XI, 74, 256, XIII, 72, 242, XIV, 175, 183, 217, 265, XV, 180, XVI, 42, 151, XVII, 101, 148, XIX, 33, 52, 133, 139, 281, XX, 115, XXII, 113, 135, 258, XXIII, 176, 210, 216, XXIV, 103, XXVI, 163, XXVII, 39, 183, 260, XXVIII, 156, 199, XXIX, 87, 160, 257, 399, 404, XXX, 62, 65, 104, 260; scarce, I, 323, VI, 367, VII, 184, 227, VIII, 132, 192, 195, 256, X, 204, XI, 143, 182, XII, 100, 211, XIII, 273, XIV, 186, 260, 315, XV, 200, 206, 225, XVI, 43, 94-96, 98, 99, 101, 102, 184, 185, 265, XIX, 136, XX, 75, 303, XXI, 49, 200, 269, XXII, 240, XXIII, 65, 66, XXVII, 153, XXVIII, 56, 59, 184, 199, 229, 233, 241, 243, XXIX, 184, 253; tameness of, VIII, 108, XIII, 205; hunted, VI, 361, VII, 297, 298, VIII, 185, XI, 210, XIV, 157, XIX, 56; trapped, VIII, 103; disappearance of, IV, 177, V, 252, 253, XV, 171, XXII, 81, XXIV, 61, XXVIII, 263, XXX, 58, 59; as food, X, 337, XVII, 128, XXIX, 197, 249; prices, X, 355; in Illinois, 259; Kentucky, III, 233-237, IV, 144, 145, 177; Mississippi, 353; Ohio, I, 133, IV, 134, 154; Tennessee, III, 75; on Cumberland River, 76; Maumee, I, 151, 311, 325; Mississippi, IV, 290; Missouri, III, 192; Ohio, I, 130-132; Wabash, 140, 143. See also the several animals and birds.
- Gamelin, Médard, sketch, I, 109, 110.
- Gamlingay (Eng.), emigrants from, XI, 123.
- Gannipers, on Mississippi River, IV, 302.
- Gantt, Thomas T., address by, XXVI, 272.
- GAPS —
- Blair's, Maximilian on, XXII, 134.



## GAPS (continued)—

- Bull's, A. Michaux on, III, 58, 98, 104; sketch, 58.  
 Chestnut Ridge, XXII, 137.  
 Cumberland, III, 45, 51, 58.  
 Deer Lodge, XXIX, 341.  
 Judith's, XXIII, 70.  
 Lehigh, I, 211, XXII, 126.  
 Mullen's, XXIX, 341.  
 Sterritt's, I, 22.  
 Garcés, Francisco, visits Hopi Indians, XVIII, 130; on Gila River, XXVIII, 261; murdered, 224.  
 Garden of the Gods (Colo.), Long in, XV, 305.  
 Gardens and gardeners. See Agriculture: Gardens.  
 Gardepied (Gariépy, Guardépée), Jean Baptiste, hunter, V, 59; with Crooks, 75, 76, 81, 82, 84, 86.  
 Gardner, Johnson, trapper, XXIII, 197, XXIV, 101, 102, 114; river named for, XXIII, 197; on Weeping-water River, 109; adventure with Arikara, XXIV, 103, 104.  
 Gardner (Mo.), location, XIX, 193.  
 Garfield, Abram, contractor, XXIV, 154.  
 Garfield, James A., portrait, XXII, 139.  
 Garfield County (Nebr.), creek in, XV, 142.  
 Garfield County (N. Dak.), creek in, XXII, 367.  
 Garfield County (Wash.), creek in, XXX, 290.  
 Gar-fish (*esox osseus*), described, XVI, 166, XXVI, 135; abundant, XIII, 241.  
 Gariépy. See Gardepied.  
 Garland County (Ark.), boundary, XVII, 56; health resort in, XIII, 158.  
 Garlic, used by Spaniards, XVIII, 146.  
 Gary, Rev. George, in Oregon, XXIX, 165; closes mission, XXX, 183.  
 Garrard, Gen. James, in Kentucky, IV, 179.  
 Garreau, Pierre, Arikara interpreter, XXIII, 278, XXIV, 35, 58, 61, 68.  
 Garrison, George P., *Texas*, XVI, 208, XVIII, 365, XX, 255.  
 Garrison, William Lloyd, denounces African Association, IX, 37.  
 Gas (natural), character of, XV, 59.  
 "Gasconade," militiamen on, VI, 40.  
 Gasconade County (Mo.), seat, XIV, 137.  
 Gaskin, Rev. George, clergyman, X, 159, 160.  
 Gass, Sergt. Patrick, names "Rogue's Harbor," VI, 234; *Journal*, V, 13.  
*Gasterosteus*, observed by Say, XIV, 277.  
 Gate of the Stone Walls, described by Maximilian, XXIII, 82.  
 Gates, Gen. Horatio, in Revolution, II, 55, XI, 76.  
 Gatschet, A. S., *Migration Legend of Creek Indians*, XIII, 305, XXIII, 376.  
 Gattermeyer, Leonhard, killed by Indians, XXII, 125.



Gauche. See Tchotka.

Gaucher. See Pierre the Left-handed.

Gault, —, Louisville physician, IV, 258.

*Gaultheria procumbens*, III, 47.

*Gaura*, new species, XIII, 273, XVI, 89; observed by Long, 75, 102; *biennis*, 75, 102; *coccinea*, V, 318, XV, 200, XVI, 102, XXII, 385; *linifolia*, XVI, 102; *mollis*, 75, 89.

Gay, George, sketch, XXX, 174.

Gayarré, Charles, *Louisiana*, VIII, 312, XXVII, 42.

Geauga County (Ohio), origin of name, I, 106.

Gebhard, —, in New York City, XXII, 58, 85, XXIV, 192.

Geddes, John, governor, XI, 73, 75, 101, XII, 74.

Geese, VI, 202, 323, 372, VIII, 195, XIV, 100; habitat, II, 187, III, 350, V, 208, VI, 52, XIV, 278, XIX, 146, XXII, 210, 368, XXIII, 234, XXVIII, 222, XXIX, 51, 254; timid, XXII, 281; care of young, 259; food, XXVIII, 154; diseases, X, 286; attacked by wolves, XXVI, 323; migration, XIV, 285, XV, 328, XXI, 29, XXIV, 77; abundant, VIII, 306, XIII, 72, XVII, 90, XIX, 328, XX, 282, XXI, 317, 336, XXII, 91, 152, 185, 265, XXIII, 27, 47, 51, 185, 199, 208, XXIV, 78, 101, 105, XXVII, 184, XXIX, 94, 289, XXX, 259; hunted, X, 263, XIII, 109, XVIII, 64, 85, 194, 197, XXII, 263, XXIII, 68, 83, XXVII, 359; on ship board, XI, 48; farm stock, X, 286, XVII, 17; why raised, X, 287; quality, 287; prices, V, 288, XIII, 88; as food, I, 311, IX, 161, X, 284, XXVII, 400; method of cooking, XXI, 75; of preserving, XI, 49; observed by Faux, 52; Flagg, XXVI, 135; Pattie, XVIII, 98, 100; Maximilian, XXII, 191, 268, 280, 294, XXIV, 85; Townsend, XXI, 219, 291; Woods, X, 241; described by Evans, VIII, 195, 196; in Indian folk lore, XXIII, 310, 311, XXIV, 77; as amulet, XXIII, 291, 292; as symbol, 335; price of feathers, X, 287; barnacle (*anas bernicla*), XV, 323; brant, VI, 52, XIV, 285, XXI, 75, XXIX, 51; Canada (*canadensis*), III, 76, 78, V, 57, XV, 323, 328; grey, VII, 50, 51; snow, XV, 323; white-fronted (*albifrons*), 323; white, VII, 50.

Geghdageghroano, Indian chief, I, 263.

Gekelemukpechink, Delaware Indian village, XXIV, 153.

Gelelemend, Delaware chief, I, 211.

"General Jackson," in Fort Union, XXIII, 23, 202.

"General Pike," in St. Louis, XXVI, 150.

"General Smith," with "Western Engineer," XIV, 179.

"General Wade Hampton," packet, XI, 105, 107, XII, 68.

"General Warren," American schooner, XIX, 119.

Genesee County (N. Y.), creek in, XXIV, 164; salt springs, XVII, 251; Long, II, 50.

Genesee Flats, described by Evans, VIII, 134.

Genet, Edmund Charles, French minister, III, 12, 13, 27, 51; in Philadelphia, 27, 44; conspiracy against Spain, 13, 39-42, 44; sketch, 27.

Geneva (N. Y.), population, VIII, 88; Buttrick in, 88; Evans, 129; *Gazette*, 88.

Gens de Canoe Indians, affinity, XXII, 370.

Gens des Feuilles (People of the Leaves), branch of Sioux, XIV, 275.

Gens des Filles (Itscheabiné) Indians, branch of Assiniboin, XXII, 370, 387.

Gens des Grand Diables Indians, affinity, XXII, 370.

- Gens du Lac Indians, habitat, XXII, 305.
- Gens du Large Indians, habitat, XXII, 305.
- Gentian, as a remedy, X, 303; new species, XIII, 273, XVI, 98; *crinita*, 98; fringed, XXVI, 183; observed by Flagg, 287.
- "Gentleman of Elvas," narrative by, XIII, 117, 118.
- Geographers, in United States, IX, 176; with Long, 164.
- Geologists, I, 126, XIV, 66; with Long, 11.
- George, Kowalitsk Indian, XXI, 309.
- George II, land grant to Massachusetts men, VIII, 107.
- George III, King of England, birthday celebration, XI, 90; presents to, XII, 134.
- George IV, King of England, XI, 72.
- Georgetown (D. C.), XII, 91, 327, 330; climate, XI, 130; progress, 126; soil, 129; university in, 127; convent, XXVII, 64; Quakers, XI, 128; individuals, 119, 122, 132, 136.
- Georgetown (Ill.), site, XXVII, 21. See Steelesville (Ill.).
- Georgetown (Ky.), Faux in, XI, 194.
- Georgetown (Pa.), Cumming in, IV, 100, 101; Nuttall, XIII, 49.
- Georgetown (W. Va.), location, IX, 100; Cumming in, IV, 100, 101.
- Georgia, III, 296, V, 237, 274, VIII, 312, XII, 90, 91, XXI, 37; climate, III, 296, XIX, 110; geological formation, XIII, 219; natural features, III, 231, 244, IV, 121, 122, VIII, 304, 308, 316, XIV, 119, 128, XV, 168; population, III, 305; mining, XIX, 308; agriculture, III, 293, 294, 303, 304, IV, 307, X, 297, XVII, 31; estates, III, 228; militia, X, 356; voting methods, IX, 256; emigrants from, IV, 298, X, 266, 317; disadvantages for, IX, 182; slave-trade, XI, 138; claim to Mississippi, IV, 325; Indians in, VIII, 313, XIII, 73, 305; Moravians, I, 177, 185, XXII, 77; individuals, I, 91, III, 21, 90, IV, 316, 325, XIII, 146, 202, XIV, 39, 40, XVI, 187; population, III, 305.
- Geranium, *intermedium*, XV, 288; *maculatum*, XIV, 62; *robertanum*, XV, 288.
- Gerardia, *auriculata*, III, 68; *flava*, 218.
- German Flats (N. Y.), in French and Indian War, I, 108; Long visits, II, 126, 210; Maximilian, XXIV, 185, 187.
- Germandia, *pectinata*, and *pedicularia*, XVII, 51.
- Germans, at home, XI, 251, XXI, 330, XXII, 69, 84, XXVI, 193; emperor, XXIX, 76; emigrants, V, 291, 312, XII, 70, XIX, 119, XXII, 84, 125, 153, XXIV, 124, 145, XXX, 31; American attitude toward, XII, 136; characteristics, III, 152, 392, IV, 30, 31, 41, V, 313, XII, 100, 266, XIII, 44, XXI, 36, XXII, 113, 142, XXIV, 144, 145, 149, XXVII, 32; compared, III, 152, 292, XXII, 137; in French and Indian War, I, 223; Revolution, XXIV, 187; as manufacturers, XXII, 92, 109; monks, XXVI, 193; musicians, XXIV, 143; scientists, XXII, 9; tavern-keepers, 112; traders, XX, 104, XXII, 250; at frontier posts, 374, XXIV, 184; in Arkansas, IV, 292, XIII, 111; California, XXX, 31; Kentucky, III, 88; Louisiana, XIX, 126; Maryland, III, 50; Mexico, XX, 172; Missouri, IV, 281, XXII, 211, XXIV, 123, 124, XXVI, 87, 177, 277; New Jersey, XII, 167, XXII, 61; New York, VII, 34; North Carolina, III, 292, 298; Ohio, 186, X, 71, XXII, 157, XXIV, 144, 148, 159; Pennsylvania, I, 17, 18, 22, 37, 188, III, 49, 50, 135, 153, 336, 369, IV, 51, 84, 87, 209, VIII, 254, IX, 80, XII, 100, 167, 182, XXI, 35, XXII, 12, 64, 96, 99, 115, 116, 129, 132, 135, 138; South Carolina, XI, 66, 90; Tennessee, III, 85; Virginia, 39, 47, XI, 154, XXX, 148, 161; settlements, XI, 124; in Mohawk valley, XXIV, 187; Susquehanna, VIII, 122; Bethle-

- hem, XXII, 78; Freiburg, 74, 76; Gnadenhütten, XXIV, 154; Harmony, X, 53, 55, 312, 316, XII, 240, 241, 259, 261, XXVI, 67; Lockport (Ohio), XXIV, 154; Nazareth, XXII, 85; Womelsdorf, 130; Zoar, XXIV, 156; language, III, 135, X, 313, XVIII, 368, XXII, 73, 116, 126, 129, 135, 141, XXIV, 144, 156, 187; geological term, XIII, 36; use of Indian language, XXII, 226, 393. See also Dunkards, Harmonists, and Moravians.
- Germantown (Pa.), natural features, XIII, 37, XVI, 144; meteorological observations, XVII, 263-286; Mennonites in, XII, 206; individuals, I, 182, 185, XI, 107, 108, XXII, 72, 278.
- Geronimo, Apache Indian, surrender of, XX, 79.
- Gervais, Jean Gabriel, proprietor of French Grant (Ohio), IV, 157, 158.
- Gervais, Joseph, Oregon pioneer, VII, 231, XXVII, 386.
- Gethsemane (Ky.), Trappists in, XXVI, 193.
- Geum, album*, XIV, 156; *geniculatum*, XXIX, 424; *triflorum*, V, 318.
- Geysers, observed by Townsend, XXI, 200.
- Ghent (Ind.), Swiss in, XIII, 63.
- Gibbs, —, in Pittsburg, X, 81.
- Gibbs, —, horse-thief, XIII, 214.
- Gibson, James, sketch, VIII, 181.
- Gibson, Col. John, commands Fort Laurens, XXIV, 156.
- Gibson, Samuel, land grant, XIII, 300.
- Gibson, Thomas, in Pennsylvania, IV, 202.
- Gibson County (Ind.), streams in, X, 52, XXIV, 136; settlement, 135; seat, X, 46; school, XXII, 179; Evans in, XIII, 70.
- Gibsonport (Miss.). See Port Gibson.
- Gilbert, Baker, founds canal company, XXII, 204.
- Gilbert, Isaac N., farmer, XXX, 240, 298.
- Gilchrist, —, in Uniontown (Ky.), IV, 269.
- Gilders. See Trades.
- Gill, —, tavern-keeper, XII, 18.
- Gill, Dr. John, sect named for, XI, 129.
- Gill, Moses, lieutenant-governor, VIII, 21.
- Gilleland, J. C., *Ohio and Mississippi Pilot*, XIV, 66.
- Gilliam, Cornelius, explorer, XXX, 125, 174.
- Gilliam County (Oregon), Farnham in, XXVIII, 352.
- Gillites, in Georgetown (D. C.), XI, 129.
- Gilman, Judge Joseph, in Marietta (Ohio), III, 354.
- Gilmer, —, killed, IV, 82.
- Gilmore, C., with Palmer, XXX, 145; assists emigrants, 149, 155.
- Gilmore, Matthew, assists emigrants, XXX, 149; in Oregon City, 145, 147, 148.
- Gilpin, William, journal, XXX, 39.
- Gilpin County (Colo.), boundary, XXVIII, 185.
- Gin, beverage, XII, 133, XXVIII, 175; article of trade, XXIX, 60; in Louisiana, IV, 313.

Ginger, cultivated, IV, 325; preserved, XXI, 127.

*Ginkgo bilobus*, III, 124.

Ginseng, habitat, III, 231; described, 231-233; how gathered, 233; seeds, 232; as medicine, 124, X, 303, XXII, 167; in Kentucky, III, 204; utility, 12; commercial value, 12, 158, 204, 232, 233, 264; abundant, XI, 229.

Girard, Stephen, in Philadelphia, IX, 269.

Girardot, Peter, justice, XXVII, 79.

Girouard, Désiré, *Lake St. Louis and La Salle*, II, 74.

Girty, Simon, in Dunmore's War, I, 131; attacks Bryant's Station, XVIII, 29; rescues Baker, IV, 117; in Revolutionary War, 94.

Girtystown (Ohio), trading-post, VIII, 207.

Gist, Christopher, interpreter, I, 22, 91; explorer, 32, 95, 136, XIII, 59; among Cherokee, I, 97, 98; sketch, 91; *Journals*, 53, 94.

Gladwin, Maj. Henry, in Detroit, I, 102, 154, 302; Fort Miami, 123; Pontiac's War, 312.

Glascock, —, planter, IV, 313.

Glasgow, Edward James, in St. Louis, XI, 263.

Glasgow (Mo.), location, XIV, 158, 159.

Glass, Hugh, hunter, XXII, 294, XXIII, 197; killed by Indians, XXIV, 102-104.

Glass, scarcity, XI, 81, XXVI, 209; manufacture, IV, 246, V, 253, 285, XII, 217, XXI, 37, 38, XXVI, 97; imported, IX, 135; price, X, 74; substitute for, IX, 65; windows, XIX, 33, XXII, 89, 131, 199, 376, XXIII, 92, XXIV, 12, 77; beads, XXIII, 278, XXIV, 62, XXIX, 392; obsidian, XXII, 174; painted, XXVI, 167. See also Trades: Glaziers.

*Gleditschia*. See Locusts, honey.

*Glehoma hederacea*, habitat, XIV, 61.

Glen, James, governor of South Carolina, I, 286.

Glengarry (Ont.), Fraser in, XXIX, 256.

Glenn, Hugh, fur-trader, XIII, 61, 62, XVI, 185, 281, 282; in Cincinnati, XIV, 65, 68; Fort Smith, XVI, 290; expedition to Santa Fé, XIX, 177; with Long, XVI, 185, 187.

"Glenthorn," passengers on, IX, 25, 26, 28, 29, 32, 43, 154, 251.

Glenwood Springs (Colo.), cañon near, XXVIII, 223.

Gloucester (Mass.), Sargent in, IV, 323.

Glover, Thomas W., judge, XII, 310.

Gnadenhütten (Ohio), Moravians in, I, 130, 178, XXII, 125; described, XXIV, 154; massacre at, I, 87, XXII, 124, 125.

*Gnaphalium*, observed by James, XV, 205; *dioicum*, III, 53, 92; *plantagineum*, XIV, 61, 62.

Gnats, I, 309, IV, 119, 120; habitat, 120, 287, 295, 350; resemble wood-ticks, XVI, 153; black, XXI, 173; buffalo, X, 337, XX, 115.

Gneiss, in Missouri, XVII, 221; Philadelphia, XIV, 53; Rocky Mountains, XVII, 149; primitive, 188; composition, 184; observed by Flint, IX, 121; James, XV, 182, 279, XVI, 13, 35, XVII, 135.

Goats, habitat, XVII, 148, XXVII, 39, 40; diseases, III, 346; scarce, XXII, 185; abundant, XXIX, 213, 229; raised by Navaho, XX, 71; Spaniards, XVIII, 145; in Fort Union, XXII, 377; New Mexico, XIX, 324, 325; Hawaii, XI, 48; Pittsburg, III, 346; Sandwich Islands,

- VI, 221, 227; as food, XXVII, 400, XXIX, 220; stock, XXVIII, 174; supply, XI, 45, 48, XX, 205, XXI, 305; article of trade, VII, 60, 62; fur-traders own, XXX, 75; island named for, XXIV, 169; observed by Townsend, XXI, 199; grease of, XXVII, 40; skins, XII, 321, XIX, 341; cabric, XVII, 146; European (*capra ibex*), XXIII, 68; white mountain, XXIV, 234; white musk, VII, 149.
- Goatsuckers, numerous, XXIII, 30.
- Godalming (Eng.), emigrants from, X, 233, 242, 264.
- Godefroy, Jacques, Indian interpreter, I, 303, 305-307, 313-317, 320-322, 324, 325; in Canada, 296; prisoner, 301, 302; saves Morris, 307, 308.
- Godfrey, Capt. Benjamin, erects seminary, XXVI, 119.
- Godfrey (Ill.), seminary in, XXVI, 119.
- Godin, Antoine, trapper, XXI, 234; at Fort Hall, XXIX, 241; treachery, XXI, 70, 88; murdered, 234, 353, XXIII, 135; sketch, XXI, 70.
- Godman, Dr. John D., *Natural History*, XXII, 278.
- Godwits, great marbled, XV, 201, 323; telltale, 323, 327, XVI, 146.
- Goedike, Frederic, in Fort Batchawanon, VI, 393.
- Goforth, Dr. William, sketch, I, 135.
- Goghnawage Indians, habitat, I, 168. See also Caughnawaga.
- Golconda (Ill.), location, X, 327, 333, XIV, 91; sandstone in, 91; road, XVII, 92; James in, XIV, 18, XVII, 92; described by Flagg, XXVI, 77; Maximilian, XXII, 202; Woods, X, 327; sketch, XVII, 92.
- Gold, XIX, 303; prospecting, XXI, 30; discovery, XXVIII, 199, XXX, 230; pyrites mistaken for, V, 244; with iron-sand, XIII, 152; in copper mines, XVIII, 350; mixed with silver, XX, 183; mining, XVII, 229, XVIII, 149, XXI, 38 (see also Trades: Gold Miners and Goldsmiths); methods, XVIII, 150, XIX, 305; scarce, VIII, 133; quality, XIX, 304; stolen, XVIII, 178, 279; as money, I, 142, XIX, 272, XX, 88, 185, 190, XXVII, 87 (see also Money); booty, XX, 228; present, XVIII, 245; in arts, VIII, 33, XVIII, 379; forced loan, 277; article of trade, VIII, 326, XIX, 309; prices, VIII, 346, 347, XVIII, 150, XIX, 304, 305, 309; annual production, 304; Daly's search, XX, 144; De Soto's, XIII, 322, 326; Pattie's, XVIII, 150; Renault's, XXVII, 92; Spaniard's, XIX, 258, 261; discovered in Arkansas, XIII, 152, XVII, 29, 30, XXVIII, 218; California, XVIII, 283, XXI, 87, 353, XXX, 40, 111, 141, 142, 192; on Klamath River, XXIX, 46; Mexico, XVIII, 149; New Mexico, 118, 119, 350, XIX, 301, 303, 304, XX, 88, XXVII, 59; Oregon, XXIX, 100; Washington, XXI, 344; on Washita River, XVII, 229.
- Golden (B. C.), site, XXIX, 206.
- Golden-rod (St.-John's-wort), abundant, XXII, 88, 129, XXVII, 116; blossoms, XXII, 84; observed by Flagg, XXVI, 287; Maximilian, XXIII, 194, 233; in Illinois, X, 302; *solidago*, XXII, 385, XXIII, 194, 233.
- Gold-eye (fish), habitat, XXIII, 250.
- Goldfinches, observed by Maximilian, XXII, 74, 83; song, XV, 313.
- Goldfuss, Prof. Georg A., describes mosasaurus, XXIII, 242.
- Gonneville, —, trapper, XXX, 55.
- Gonzales, José, half-breed, XVIII, 73.
- Gonzalez, José, governor of New Mexico, XIX, 273, 274, XX, 74; flight of, XIX, 276; shot, 277.



- Goodfellow, John, removes sand-bar, XXVI, 161.
- Good-Heart, entertains De Smet, XXVII, 166.
- Goodspeed, W. A. and C. L., *Lincoln County (Mo.)*, XVIII, 33.
- Gookin, —, cited, XIII, 344.
- Gooseberries, near Astoria, VI, 321; in Carolina, III, 299; on Missouri River, VI, 108, 110, 147; cultivated, XIII, 301; budded, XIX, 75; size, XXI, 199; scarce, IX, 255, X, 209; abundant, XX, 258, XXIII, 39, 58, 63, XXVII, 256, XXVIII, 54, XXIX, 196, XXX, 65; observed by Woods, X, 206.
- Gophers (*diplostoma bulbivorum*), observed by Maximilian, XXIV, 115; Townsend, XXI, 175; killed by rattlesnakes, XXIII, 53.
- Gordon, —, communication to Long, XIV, 37.
- Gordon, —, in Evansville (Ind.), XI, 299.
- Gordon, Capt. —, in Nashville (Tenn.), III, 62.
- Gordon, Lieut. —, in Fort Venango, I, 102.
- Gordon, Madame —, on Arkansas River, XIII, 100, 101, 108, 110.
- Gordon, Maj. —, killed by Americans, II, 54, 55.
- Gordon, Harry, describes Falls of Ohio, I, 136.
- Gordon, Midison, trapper, XXVIII, 287.
- Gordonia lasyanthus*, III, 302.
- Gore, Christopher, celebrity of, XXVI, 309.
- Gorget, silver, as present, XXII, 357.
- Gorham, Nathaniel, founds Canandaigua, VIII, 42.
- Goshen (Ill.), location, VIII, 291; Killbuck in, I, 211.
- Goulet (Goulé), Henry, sketch, XXIX, 369.
- Gourds, described, X, 305, 306; cultivated, XXII, 226, XXIII, 235, 274; varieties, XIV, 156, XXIII, 275; time of ripening, 238; uses, XIX, 322, XXIII, 276, 391, 392; as a remedy, XII, 273.
- Gourhon, Mons. —, in New Orleans, IV, 362.
- Gouverneur, Samuel L., in New York, XI, 128.
- Goyogan. See Cayuga.
- Gozy, —, on Arkansas River, XIII, 155.
- Grackle, purple, observed by Long, XV, 321.
- Grafton (Ill.), site, XXVI, 121, 293, 294; sketch, 121; newspaper, 123; railroads, 296, 297; Flagg in, 284, 294-296.
- Graham, —, *Military Posts in Ohio*, VIII, 207.
- Graham, —, in Wheeling, X, 77.
- Graham, Capt. —, in Pennsylvania, III, 324.
- Graham, Lieut. James D., with Long's expedition, XIV, 41, 43, 79, 157, 248, XV, 136, 140, 190, 194, 202, XVII, 180; commands steamer, XIV, 11, 13, 18, 263, 264; illness, XVII, 84; departure, 88; in Philadelphia, 103; observations, XIV, 222, 274, 278, 279, XV, 137, XVII, 263; specimens, 232; sketch, XIV, 41.
- Graham, Rev. Wm., founds station, IV, 140.
- Graham's Station (W. Va.), ferry, IV, 139.

- Grain, cultivated, V, 309, XXVIII, 173, XXIX, 307; quality, XIII, 69; article of trade, 94; duty on, XVIII, 353, 354. See also the several cereals.
- Graisse de bœuf. See Buffalo-berry.
- Grampus, observed by Faux, XI, 42, 44.
- Gran Quivira (N. Mex.). See Tabira.
- Grand Barbe, Quapaw chief, XIII, 130-132.
- Grand Batture (Hard Heart, Sandbar, Wangewaha), Iowa chief, described, XIV, 265-267, XVII, 151; knowledge, XV, 75; challenges fur-trader, 33.
- Grand County (Colo.), XXVIII, 185, 221.
- Grand Forest, described, XV, 274.
- Grand Gulf (Miss.), location, VIII, 316, XIII, 299; how formed, IV, 356.
- Grand Prairie (Ark.). See Great Prairie.
- Grand Prairie (Ill.), X, 270; Flagg on, XXVI, 12.
- Grand Prairie (Mo.), described, XIV, 133, XV, 177.
- Grand Rapids (Mich.), Ball in, XXI, 73.
- Grand Sun, Natchez chief, XIII, 349, 350, 352, 355.
- Grand Tower. See Rocks: Tower.
- Grande Côte de la Roche, on Lake Superior, II, 86.
- Grand Ronde, on Oregon trail, XXI, 271, XXVIII, 341, XXX, 14, 108, 109, 243, 262, 281.
- Grande Ronde Reservation, established by Palmer, XXX, 16; Indians on, XXI, 302, 329, XXX, 175, 178.
- Grandpré, Don Carlos de, governor of West Florida, IV, 342, 343.
- Granger (Wyo.), site, XXX, 73.
- Granite, formation, XVII, 30, 205, 211; common character of, 184; boulders, XXVIII, 243; crumbled, XVI, 23; isolated rocks of, XXIV, 21; abundant, XXII, 384, XXVII, 253; on Blue Mountains, III, 320; Cove valley, XVII, 58; Maryland, XII, 288; Mississippi River, IV, 308; Missouri, V, 93, VI, 102, 117, 137, 158, XVII, 221; New England, 188; Ohio, XII, 208; Ozark Mountains, XVII, 188, 228; Rocky Mountains, XVI, 12, 14, 67, XVII, 149, 200, 237; Washita River, 235, 244; Indians use, XXII, 366; in ceramics, XXIII, 279; grindstones, IV, 308; millstones, 308; monuments, XXIV, 185; roads bounded by, XXII, 50; observed by Farnham, XXVIII, 375; Flint, IX, 121; Gregg, XX, 242; James, XV, 182, XVII, 56, 135, 195; Long, XV, 252, 279, 288; Nuttall, XIII, 143; Palmer, XXX, 67, 68; Schoolcraft, XVII, 30; Townsend, XXI, 183; Wilkes, XXIX, 76, 86; described, XVII, 57, 229-232; grey, XXX, 248; Quincy, XXII, 47; red, XVI, 13, XXII, 383, XXVII, 215; reddish brown, XV, 302.
- Grant, —, English emigrant, XI, 227, 262.
- Grant, Charles, negotiates treaty, XXIX, 57.
- Grant, Israel B., relative of Bowes, V, 43.
- Grant, Capt. James, at Fort Hall, XXX, 86, 124.
- Grant, Maj. James, in French and Indian War, I, 180, III, 148, 345, IV, 242, VIII, 254.
- Grant, Peter, erects post, XXIII, 353.
- Grant, Peter, on Indian customs, II, 71, 98, 173, 178.
- Grant, Gen. Ulysses S., IV, 311.
- Grant County (Kans.), XIX, 222.

Grant's Hill (Pa.), III, 345, IV, 249-254.

Granville (N. C.), Harts in, XI, 215.

Granville (Ohio), Indian mounds in, XIX, 84, 86.

Grapes. See Vineyards.

Graphite, observed by Nuttall, XIII, 219.

Grass, habitat, IV, 297, 339, VI, 102, 108, 133, XII, 218, XIII, 264, XIV, 160, XVI, 143, XIX, 299, XXI, 150, XXIII, 193, XXVI, 343, XXVIII, 202, 232, 238; cultivated, X, 41, 66, 283, 353, XI, 219; time of harvest, V, 310, X, 202; color, XXIII, 59; height, XIV, 163, XVI, 241, XVIII, 49, 87, 274, XXIII, 26, 57, 58, 62, 93, 179, 216, XXVI, 285, XXVIII, 55; quality, IX, 309, X, 48, 260, 271, XI, 140, 190, XII, 13, 14, XV, 272, 289, XVI, 36, 158, XVII, 16, 135, XVIII, 50, 132, 341, XIX, 324, XX, 92, XXI, 49, 175, 188, 209, 235, 266, 282, XXII, 268, 300, 339, XXIII, 213, 214, XXVI, 182, 245, 247, XXVIII, 75, 79, 93, 102, 109, 164, 188, 205, 229, 249, 284, 285, 288, 300, 310-313, 316, XXX, 47-49, 54, 62, 67, 69, 75, 91, 93, 164, 249; luxuriant, VI, 72, VIII, 78, IX, 52, XIII, 207, XVI, 153, XIX, 68, XXI, 156, 166, 194, 198, 210, 216, XXII, 203, 246, XXIII, 42, 138, 209, 233, XXVIII, 216; coarse, IV, 339, XIV, 184; wiry, XX, 247; scarce, IV, 315, IX, 162, 234, 280, XI, 99, 107, 126, 226, XIV, 200, XV, 192, 263, 273, XVI, 26, 31, 70, 73, 83, 176, XVII, 192, XVIII, 347, XXI, 246, XXIII, 49, 51, 77, XXVII, 214, 252, 339, 349, XXVIII, 104, 114, 184, 241, 245, XXX, 85, 94, 127, 243; abundant, VIII, 194, IX, 119, X, 101, 140, XI, 168, 258, XV, 171, 177, 180, XVI, 74, 79, 97, 135, 142, 144, 222, 231, 237, XVII, 42, 110, 118, 207, 215, XVIII, 332, 333, 349, XXII, 276, 280, 298, 331, XXIV, 21, 23, 118, 127, XXVIII, 55, 63, 155, 252, 349, 377, XXIX, 46-48, 50, 88, 146, 184, 273, 287, 289, XXX, 64, 70-84, 95, 96, 98, 102, 104, 109, 115, 119, 131, 132, 136, 143, 152, 170, 173, 176, 178, 181, 232, 233, 243; as couch, XXVIII, 91; mats of, XV, 205; wigwam covering, XX, 336; as fodder, V, 260, XI, 144, XIII, 114, XV, 215, XVIII, 96, XIX, 205, 207, XX, 278, XXI, 273, XXIII, 94, XXVIII, 62, 81, 180, 184, 191, 234, XXX, 118, 291; seeds as food, XVIII, 97, 107, XXVIII, 249, 293; different species, X, 292, 293, XXIII, 67; blue (*poa compressa*), V, 294, X, 293, 316, 353, XIV, 66, XXVI, 302; buffalo, XX, 241, 248; bunch — habitat, XXVIII, 281, 289, 294, 323, 324, 329, 332, 335, 346, 348, 350, 352, 356, XXIX, 32, 36, 45, XXX, 115; quality, 284; scarce, XXVIII, 246; abundant, 299, XXX, 297; described, 289, 290; cotton, XXII, 51; crab, X, 292, 293; European, XXVIII, 232; Guinea, IV, 325; pepper, 357; prairie, X, 283, 292, XII, 73, XXIII, 199; sea, XIX, 318, XX, 157, 165, XXII, 41, XXX, 298; shave, XXII, 256; sweet-scented (*anthoxanthum odoratum*), XV, 71, XXIII, 100, 384; timothy, X, 198, 282, 286, 293, XXVIII, 232; tongue, XIX, 75; yard, X, 292, 293, 353; (*bryzo-phyrum spicatum*), XXIII, 245; (*cenchrus tribuloides*), XVI, 100; (*chondrosium oligostachyum*), XXIII, 245; (*eleusine mucronata*), XIV, 75; (*elymus virginicus*), XIII, 220; (*koeleria cristata*), 220; (*phalaris canariensis*), 220; (*stipa barbata*), XV, 280; (*juncea*), 280; (*tripsacum dactyloides*), XIII, 220.

Grasshoppers, size, VIII, 349, XXIII, 184; abundant, IX, 301, XII, 99, 200, XVI, 21, XXII, 131, XXIII, 56; food, XI, 144; depredations of, 144, XII, 64, 94, XIII, 245, XXIII, 251; eaten, XVIII, 142, XX, 333, XXVII, 167, XXIX, 223; as bait, XXI, 194, 209; described, XVIII, 142, XXIII, 51, 56.

Gratiot, Julia, married to Cabanné, XXII, 272.

Gravel, where found, XIX, 140.

Graves, Andrew Jackson, why named, XVII, 17.

Graves, B., drove-yard, XII, 321.

Graves, Tom, metif, XVII, 17; son, 18.

Gravelines, Joseph, interpreter, V, 127.

- Gravier, Marie, in New Orleans, XIX, 123.
- Gray, —, in Kentucky, IV, 197.
- Gray, Asa, botanist, XIII, 18, XV, 166.
- Gray, John, hunter, XXVII, 265, 266.
- Gray, Capt. Robert, discovers the Columbia, VI, 233, 249, XXI, 24, XXVIII, 38, XXIX, 145; bay named for, VI, 285, VII, 116; sketch, VI, 185.
- Gray, Thomas, English poet, cited, XII, 125, XXVI, 160, 305, 364, XXVII, 52.
- Gray, William, Boston merchant, XI, 47, 54, 63; entertains Faux, 55, 56, 58, 60, 65; attitude toward English, 58, 59.
- Gray, William H., missionary, XXI, 353; *History of Oregon*, 353, XXIX, 19.
- Gray County (Kans.), Santa Fé trail in, XVI, 230, XIX, 218, 222.
- Gray eyes (*Ishtagreja*), at Engineer Cantonment, XXIV, 272, 273.
- Graylings (fish), abundant, XXI, 199; observed by Townsend, 194.
- Graystone (Pinkerton), described, XVII, 211.
- Graywacke, noted, XIII, 43, XXII, 92, 117, 151, XXIII, 80, XXIV, 152; described, XIII, 287, XVII, 250, 251, XXIV, 177; where found, XIII, 146, 170, 228, 232, XIV, 50, 52, XVII, 227; in transition rocks, 247, 249.
- Grease-wood, XXX, 98, 115.
- Great Basin, plains on, XXX, 118.
- Great Crossings (Ky.), Johnson in, XX, 306.
- Great Meadows (Pa.), situation, X, 213; battle of, I, 82, 91, 96.
- Great Nemaha Agency, site, XXX, 255.
- Great Northern Railway, route, VII, 147, XXIII, 46, XXIX, 30, 201; *Report*, 202.
- Great Prairie (Ark.), location, XIII, 144, 146; plants, V, 317; road, XIII, 158; Meto River, 128; surveys, 165; settlements, 131; Cumming on, IV, 297, 344; Nuttall, XIII, 90; population, 90.
- Great Salt Lick, location, X, 226; Indian earthenware on, V, 169.
- Great Star. See Homachseh-Kakatohs.
- Greaton, —, tavern-keeper, IV, 327.
- Greaves, —, English emigrant, XI, 279.
- Grebe, *cornutus*, XV, 323, 327.
- Green, —, on shipboard, XII, 98.
- Green, —, tavern-keeper, IV, 122, 123.
- Green, Abner, in Mississippi, IV, 325, 347.
- Green, Duff, plats town, XIV, 158, 159.
- Green, Col. Thomas, in Mississippi, IV, 325.
- Green Bay (Wis.), VIII, 222. See also Bays: Green.
- Green County (Mo.), Nathan Boone in, XX, 213.
- Green County (Ohio), road, IX, 301.
- Greenbriers, XVI, 182, XVII, 118; abundant, XIX, 233, XX, 255.
- Greene, Gen. Nathaniel, in Greenville (Miss.), IV, 316; appoints Hutchins, XXI, 39; quoted, XII,

- Greene County (Ill.), creek in, XXVI, 226; settlement, 300, 301; Flagg, 218.
- Greene County (Mo.), sink holes in, XXVI, 213.
- Greenfield (Ohio), described by Flint, IX, 302.
- Greenhow, Robert, *Northwest Coast*, XXVIII, 29, 30, 33.
- Greensburg (Pa.), noted, III, 336, IV, 74, IX, 79, XIII, 44; county seat, III, 336; road, 153, 328, IX, 64, XII, 178, XIII, 42; Craft in, III, 167; Cuming, IV, 73; Faux, XII, 20; Michauxs, III, 28, 152-155; Nuttall, XIII, 43; Welby, XI, 15, XII, 196; population, III, 153, IV, 73.
- Greenstone, noted, XIII, 36, 37, XVI, 78, 79, 83, XVII, 209, XX, 242, XXI, 236; described, XVI, 86, 87, XVII, 207, 208, 211; structure, XV, 291, XVI, 84; porphyritic, 80, 81; on Canadian River, XVII, 206.
- Greenville (Ind.), settlement, XII, 230, XXIV, 141, 142.
- Greenup, Christopher, governor of Kentucky, IV, 164, 192, 194, X, 229, XXII, 154.
- Greenup (Ky.), Woods in, X, 229.
- Greenup County (Ky.), creek, IV, 159; Massie in, 160.
- Greenupsburg (Ky.), IV, 156, 158, 159, XXII, 153.
- Greenville (Miss.), IV, 313, 316, 317, 348; original name, 315; location, XIII, 296.
- Greenville (Ohio), described, VIII, 84, XXII, 200.
- Greenville (Tenn.), Michauxs in, III, 58, 98, 104, 270.
- Greenwich (N. Y.), location, XII, 78.
- Greenwood, Caleb, sketch, XXX, 88, 89.
- Greenwood, E. A., purchases museum, XXII, 49.
- Gregg, John, Ohio pioneer, XXII, 155.
- Gregg, John, in Santa Fé trade, XX, 103.
- Gregg, Dr. Josiah, sketch, XIX, 14-18; number of Santa Fé trips, XX, 87, 143; fondness for prairie life, 99, 219-221; organization of caravan, XIX, 187-204, 251; numbers, 196, 199-201, XX, 89, 204; guard-duty, XIX, 199, 200, 247, XX, 90; supplies and equipment, XIX, 199, 201, 206, 207, 212, 219, 225, 239, 240, 248, 249, XX, 89, 92, 100, 104, 109, 113, 114, 118, 132, 139, 140, 143, 150, 152, 193, 194, 204, 205; military escort, XIX, 250, XX, 105, 128; advance runners, XIX, 233, XX, 139; capital invested, XIX, 199; journey to Santa Fé, 219-250; at Santa Fé, 253, 254, 256; return journey, XX, 89-93; start from Van Buren, 100; party, 103, 104; journey to Santa Fé, 100-143; to Chihuahua, 82, 150-161; to Aguascalientes, 162-178; to mines, 178-185; in Durango, 164-166, 176, 177; return to Santa Fé, 193-203; to United States, 203-217; on Llano Estacado, 211; passports, 176, 202; passing custom house, XIX, 253-256, XX, 145, 155, 160, 171; astronomical observations, 117, 137, 139, 216; storms met, XIX, 193, 194, 214, 220, 228, 251, XX, 97, 253; mirage, XIX, 241, XX, 93; illness and hardships, XIX, 162, 189, 190, 207, 215, 220, XX, 89, 193, 204, 218; alarms, XIX, 204, 208, 220-226, 230, 247; adventures, 235, 239, 240, 355, XX, 101-103, 273; hunting, 106, 215, 266; money carried, 89; losses, 210, 211, 218; Fourth celebrated, XIX, 234; relations with Indians, 222-228, 230, 231, XX, 72, 84-86, 90, 91, 116, 119, 120, 122-131, 205-210; with Mexicans, XIX, 259, 273, 274, XX, 130, 193-202; journal, XIX, 163, 164; map, 157, 166, XX, 253, 302; as a historian, XIX, 11, 15-18, 165, 259, 263, 269, XX, 297; *Commerce of the Prairies*, XIX, 155-348, XX, 21-352; cited, XVIII, 73, 332, XXI, 45, 47, 57, 67, 140, 184, 272, XXII, 244, XXIII, 198, XXIV, 120, 147, XXVI, 73, 266, 335, XXVII, 136, 189, XXVIII, 29, 45, 54, 60, 117, 119, XXX, 34.
- Gregg, Thomas, *Prophet of Palmyra*, XXIV, 120.



- Gregmiles, —, slave-owner, XII, 310.
- Gregory, James, in Charleston (S. C.), XI, 72, 92; on Sullivan's Island, 95, 96; relations with Faux, XII, 72.
- Gregory County (S. Dak.), island in, VI, 95.
- Grenada (West Indies), Patterson in, IV, 266.
- Grenoble (France), emigrants from, XIII, 63.
- Grey, Sir George, colonial secretary, XXIX, 194.
- Grey Eyes Indians. See Ishtasunda.
- Grey Eyes (Les Yeux Gris), Assiniboin chief, V, 130, XXII, 370.
- Grey Eyes, Mandan chief, VI, 145.
- Grigas Indians, incorporated with Natchez, XIII, 342.
- Grijalva, Hernando, Spanish explorer, XXVIII, 30.
- Griffin, G. W., biography of Prentice, XXVI, 30.
- Griffin, John S., missionary, XXVIII, 275.
- Griffis, William E., on Whitman legend, XXI, 353.
- Grimke, Judge Frederick, sketch, XI, 181; *Nature and Tendency of Free Institutions*, 181.
- Grinnell, George B., *Pawnee Hero Stories*, XXVII, 211.
- Griswold (Griswell), —, deserts Wyeth, XXI, 49, 81.
- Groceries, article of trade, X, 255, XII, 262, XXX, 263; stores, XXVI, 200; grocers, in Philadelphia, IX, 63; Cincinnati, 239; characterized, 219; taxed, XXII, 182; restrictions, IX, 247. See also Food, and Merchants.
- Grosbeaks (*loxia*), observed by Townsend, XXI, 150; American, XV, 321, 326; cardinal, 321, 326, XXVI, 355; pine (*enucleator*), XV, 321, 326; rose-breasted, 321, 326.
- Grosseilliers, Medard Chouart, sieur de, French explorer, II, 79.
- Grosventre (Atsina, Fall, Rapid) Indians, stock, XXIX, 359, 360; described, VI, 371, XXIII, 70, 75, 76; view of dagger, 105; on Bighorn, 61, 62; Missouri, 138, 173; qualities, 73, 74, 112, 166; dialect, XXIV, 204; vocabulary, 226, 227; hunting, XXIII, 167; intertribal relations, XIX, 228, XXIII, 73, 75, 76, 200, XXIX, 359; population, XXIII, 76; hostile to whites, XIX, 231, 232, XXIII, 190, XXIV, 50; meet Sublette, XIX, 239; trade with, XXIII, 73, 90, 126, 134, 165-167; mission to, XXIX, 357, 359, 360; Morse's estimate, XXIII, 255; portrait of chief, XXV, 20. See also Minitaree.
- Groton (Mass.), Buttrick in, VIII, 21.
- Grottoes, Manresa, named by De Smet, XXIX, 296.
- Grouché, Marshal, refugee, XII, 318.
- Ground apple (*nugare, pomme blanche*), described, XIV, 294, 295.
- Ground berry (*micella repens*), abundant, XXII, 136.
- Ground-hogs, on Columbia River, VI, 323; in Illinois, X, 287; described by Woods, 288, 289.
- Ground-pea (Ind., himbaringa), as food, XIV, 309.
- Grouse (*tetrao*), habitat, III, 63, XVII, 147, XXI, 269, XXVI, 183, XXVIII, 222, 350, XXIX, 51; abundant, XI, 256, XX, 115, XXI, 126; trapped, II, 127, XXI, 285; as food, 231, 235, 252, 268, XXX, 260; article of trade, XXI, 281; described, XX, 282; varieties: ruffed (*bonasa umbellata*), XII, 296, XV, 322; dusky (*obscurus*), 303, 304, XXI, 351; sharp-tailed (*phasianellus*), XV, 322, XXI, 347; (*canadensis* and *fusca*), XV, 304; (*cupido*), 322.

- "Grouseland," country-seat, XXIV, 138.
- Grove (Pa.), population, IV, 251.
- Gryphæa*, XIV, 226.
- Guachoya Indians, relations with Alvarado, XIII, 337; De Soto, 333-336.
- Guadalajara, capital of New Galicia, XIX, 258.
- Guadalaxara (Mex.), Hidalgo in, XX, 189; Pattie, XVIII, 309, 310, 322; Vallejo, 291.
- Guadalupe (Mex.), Santa Ana in, XX, 175; ships, XXIV, 195.
- Guahate Indians, De Soto among, XIII, 330.
- Guajaguilla (Mex.), mining town, XVIII, 359.
- Guanaxuato, silver mines in, XVIII, 310.
- Guardépée. See Gardepiéd.
- Guaymas (Mex.), seaport, XVIII, 350, XX, 224; Pattie in, XVIII, 151.
- Guelderland (N. Y.), Evans in, VIII, 122.
- Guernsey County (Ohio), seat, IV, 228.
- Guerra, Pablo. See Lagera, Don Francisco Pablo de.
- Guerrero, Gen. Vincent, Mexican patriot, XVIII, 314, 316, XX, 190, 235.
- "Guerrière," fight with "Constitution," XXIX, 17.
- Guest, —, in Tennessee, V, 278.
- Guides, wages, XXVIII, 277, XXX, 40; with De Smet, XXVII, 191, 398, 400; Farnham, XXVIII, 11, 12, 277, 308, 309; Long, XV, 190.
- Guilandina*, habitat, XIV, 161; observed by Long, XVI, 139; *bonduc*, XXII, 166; *dioica*, III, 36, 66, 74, 77, 212.
- Guilford Court House (N. C.), battle of, IV, 181.
- Guillet, Father Urbain, Trappist monk, XXVI, 194.
- Guimus (Mex.). See Guaymas.
- Guinea-fowls, farm stock, X, 287.
- Guion, Capt. —, establishes Fort Pickering, IV, 293.
- Gulf stream, assists navigation, IV, 371, 373, 374, XI, 50; observed, X, 184, XI, 63; described, VIII, 361, 362.
- GULFS —
- California, as a boundary, XVIII, 350, XXIX, 32; tributaries, XVIII, 147, XXI, 60, XXVIII, 190, 223, 260; mentioned by Marquette, XIV, 97; ports on, XX, 68, 224; Oñate on, XIX, 259; Pattie, XVIII, 151.
- Florida, Evans in, VIII, 361.
- Georgia, explorers in, XXIX, 76; tributaries, 81, 120; sound in, VII, 112.
- Grand, IV, 309, 351; location, XIII, 299.
- Mexico, IV, 68, VI, 157, XVII, 187, 258; as a boundary, V, 56, X, 268, XI, 288, XII, 22, XIV, 48, XVII, 175, 176, 179, 235, 244, XVIII, 377, XIX, 129, 217, XXVI, 93, 111, 143, 309, XXVII, 74; internal water route to, VIII, 291, XIX, 50, 151; tributaries, IV, 307, VI, 101, VIII, 356, 357, XVII, 60, XIX, 281, XXVI, 110, 265, XXVII, 109, XXVIII, 115; estuary, XVII, 178; storms and winds, VIII, 358, 359, XV, 216, XIX, 119; alluvial deposits, 120; fish in, IV, 371; birds on, XVII, 147; navigation, IV, 371, VIII, 269, 294, 357; commerce, XVIII, 9, XIX, 160; ports, VIII, 337, XIX,

122, XX, 224; blockaded, 100; French on, XXVI, 217; Indians, XIII, 343; Captain Black, VI, 390; Charlevoix, XIII, 116; De Soto, 338; Holley, XIX, 101; La Salle, XXVII, 40.

Petit, location, XIII, 299, 300.

St. Lawrence, XIV, 47, XVII, 188, 240, XIX, 50, XXIX, 142.

Gulls (*Iarus*), observed, XXII, 38, XXVI, 135; numerous, VI, 201, XIV, 79, XXI, 317; where found, VI, 323, 366, 377, XXIX, 51; laughing (*ridibundus*), XV, 323, 327; sea, X, 184, XI, 43, XXII, 212; white (*eburnus*), 39.

Gum trees, noted, VIII, 299, X, 306, XX, 254; black (*nysa villosa*), III, 230, XVII, 16, 115; sweet (*liquidamber styraciflua*), V, 277, XVII, 92, 115; white, 63.

Gumbar, —, land proprietor, IV, 228.

Gumbo, in Baton Rouge, IV, 339, 340.

Gums, Henry H., in West Indies, IV, 318.

Gums, abundant, XVIII, 377; product of tree, XIX, 297.

Gun-boats, as equipment, VIII, 200; on Long Island, VI, 193; Mississippi River, IV, 330; in New Orleans, 260; Kentucky, 168, 260.

Gunpowder, manufacture, XII, 68, XXVI, 171; as equipment, XI, 48, XIII, 359, XXII, 235, XXIII, 218; present, V, 172, XXIII, 220; article of trade, V, 203, XI, 46, XII, 68, XIII, 72; stolen, V, 180; use, VII, 92; in tattooing, XV, 74; as remedy, VIII, 197; in mining, XXII, 122; removing snags, XXVI, 58; known to Indians, I, 309, XIII, 239.

Guns, as equipment, VII, 89, 246, 248, 254, 257, 259, 266, VIII, 21, 25, 31, 196, XI, 45, XIV, 267, 316, XV, 80, 99, 157, 201, 221, XVI, 62, 113, 184, XVII, 74, 99, XVIII, 37, 44, 47, 174, XIX, 182, 215, 235, XX, 89, 168, 234, XXI, 220, 329, XXII, 113, 115, 371, 379, XXIII, 15, 62, 103, 137, 150, 177, XXIV, 48, 52, 67, XXX, 259; booty, XIV, 133; stolen, VI, 308, 310, VII, 193, 259; for hunting, I, 248, IV, 353, VII, 297, XI, 230; article of trade, V, 232, VI, 31, VII, 161, 216, XIV, 271, 302, 310, XVI, 203, 207, XXI, 45, XXIII, 288, 322, 371, XXVIII, 307, XXIX, 60; prices, VII, 109, VIII, 231, XXII, 389; as presents, I, 209, XIV, 239, XV, 124, 148, XXI, 58, XXIII, 296, 325, XXIV, 40; as loan, I, 83; fired as signal, 284, VII, 230, VIII, 25, 31, XIII, 130, 217, 218, XIV, 124, 241, XVIII, 64, 128, XIX, 132, XXI, 224, XXVI, 166; as salute, I, 24, 58, 104, 110, 282, XI, 53, 54, XVIII, 298, XXIII, 26, 87, 132; in celebration, IX, 147, 151, XXIX, 298; for fortification, IV, 341, VI, 192; among Mexicans, XVIII, 74; primed, VII, 155; accidents with, II, 145, XXI, 223; mended, I, 114, 118, XXVIII, 315; unknown to Indians, I, 169; shown, XIV, 264; use taught, XIII, 140, XXIII, 341; feared, XVIII, 130; illegal furnished, XII, 192; needed, XXX, 59; effect on, II, 42; used by, I, 228, V, 170, VI, 57, VII, 103, 105, 138, 141, 151, 173, 191, 300, 301, VIII, 222, XIII, 123, 239, XIV, 203, 205, 315, XVI, 234, XVII, 154, XVIII, 47, 65, 165, XX, 66, 178, XXIII, 103, 204, 346, 347, XXIV, 80, XXVIII, 158, 261; decorated by, XXIII, 357; dedicated to dead, VII, 303, XV, 58, XXI, 309, XXIII, 339, XXVII, 165, 166, 372, XXVIII, 130, XXIX, 238; as amulets, XXIII, 342, 343; varieties of, XIX, 201; double-barrelled, IV, 38, XIX, 201, XXII, 18, 136, XXIII, 127, 133; shot, XIX, 206; blunder-busses, VI, 31, VII, 100; Mackinac, XIV, 307, XV, 78, XVII, 154; percussion, XXIV, 120; submarine, IX, 46; barrels, XXIV, 18; locks (Mex. *escopapa*), XIV, 276, XVIII, 377, XIX, 347; cases, VII, 255; worms, XV, 192; flints, XIV, 212; in museum, XIII, 140. See also Weapons.

Gunsmiths. See Trades.

Gunville, —, relations with Say, XIV, 209.

Guss, Peter, in Boston, XI, 39.

"Gustavus Vasa," play, VIII, 110.

Gutierrez, Col. Bernardo, in Texas, XVI, 208; Monterey, XVIII, 362.

Guy, Francis, landscape painter, XII, 89-92.

Guyandotte (W. Va.), Maximilian in, XXII, 153.

"Guyandotte," mail boat, XXIV, 145.

"Guyoso," brig, IV, 366, 369-371, 373, 375-377.

Guzman, Nuño de, in New Galicia, XIX, 258.

*Gymnocladus canadensis*, as coffee, XIV, 265.

Gypsum, observed, V, 194, XVI, 135, 156, XX, 242; abundant, V, 243, XVI, 142, XVII, 212, XX, 117, 245; where found, VI, 157, XVII, 142; color, 240; fibrous, XIII, 47, XVII, 240; foliated, XXII, 302; in sandstone, XVI, 98, XVII, 202, 211, 215, 245; with rock-salt, 213; used as fertilizer, XIII, 302, XXIV, 186; windows, XIX, 312; calcimine, 335.

HACHAGA, Ponca Indian, XXII, 283.

Haciendas, meaning, XX, 160; visited, XVIII, 14, 347; size, XX, 163; growth, XIX, 284; proprietors, XX, 164, 196; overseers, XVIII, 360; wealth, XX, 82; attacked by Indians, 75, 130; abandoned, 77. See also Farmers, and Spanish.

Hackatoo (Hakatto). See Heckatoo.

Hackberry trees (nettle-trees, *celtis*), habitat, VIII, 276, XIV, 161, XVI, 168, XVII, 63, 115, 118, XX, 218, 253, 256, 258; abundant, XV, 185, XXII, 132; scattered, XIX, 209; as forage, XXII, 185; *crassifolia*, V, 43, 255; *integrifolia*, XIII, 97; *occidentalis*, XXII, 48, 185.

Hackensack (N. J.), Welby in, XII, 166.

Haffey, Col. Henry, in West Indies, IV, 318.

Hagan, Capt. —, commands keel-boat, X, 255, 256.

Hagan, James, duel with Flagg, XXVI, 10.

Hagdown (fish), observed by Welby, XII, 160.

Hager, Harvey, in Cadron (Ark.), XIII, 157.

Hagerstown (Md.), location, XII, 21; quality of soil, XI, 176; sand rock, XVII, 253; terminus National Road, XXIV, 152; Faux in, XI, 165, XII, 22; described by Faux, XI, 165.

Haideroka (Hahderuka) Indians. See Crows.

Haig, Capt. —, Indian captive, I, 20.

"Hail Columbia," national hymn, XII, 317.

Hailey (Idaho), location, XXI, 244.

Hailstones, size, XI, 88, XIX, 228.

Haines, Reuben, meteorological observations, XVII, 263.

Haines, Col. Robert Y. See Hayne.

Hair (human), ornaments of, XIV, 310, XXII, 326, 360, 388, 389, XXIII, 101, 158.

Hair-dressers. See Trades: Barbers.

Haisikat (stiff foot), speech to Bear Chief, XXIII, 128; in Fort McKenzie, 157; mourning, 149.

Hakluyt, Richard, geographer, XIII, 118.

Hakluyt Society, *Publications*, XIII, 118.

Halcro (Halero), —, half-breed interpreter, XXIII, 15, XXIV, 215.

- Haldimand, Gen. Sir Frederick, encourages Loyalists, II, 44; fortifies Carleton Island, 48; supersedes Carleton, 216; *Papers*, 52.
- Hale, Horatio, *Indian Wampum Records*, I, 25; *United States Exploring Expedition*, VII, 230.
- Hales, Dr. —, tavern-keeper, XII, 227.
- Halesia*, III, 101.
- Half-breeds, XIII, 182, XIV, 241; characteristics, VII, 178, XXI, 213, XXVII, 193; dress, XXII, 266; marksmanship, XXIII, 195; as fur-traders, XXI, 193; guides, XXVII, 258; hunters, XXIII, 192, 194, 195; interpreters, XXIV, 97; messengers, XXVII, 391; servants, XXIX, 54; tavern-keepers, XXIV, 163; trappers, XXI, 234; missions to, XXVII, 369, XXVIII, 212, XXIX, 21, 231, 255, 369, 370; at frontier forts, XXII, 266, 327, 374, XXIII, 33, XXIX, 65, XXX, 210; in Illinois, XXVI, 133; Missouri, XXII, 242, XXVI, 284; Oregon, XXVIII, 346, XXIX, 99, 290; with Kipp, XXIII, 227; Lewis and Clark, V, 15; McKay, XXI, 201, 225; Ross, VII, 11; tents of, XXII, 377; reservation, 259, 260; relations with Indians, XXIII, 383. See also Indians: Relations with Whites.
- Half King, Seneca chief, speech to governors, I, 77-79; talks with Croghan, 92, 93; in Great Meadows, 96; on Little Beaver, 127; sketch, 74.
- Halibut, described by Fauz, XI, 62.
- Halifax, XI, 62; duelling, 134; in Revolutionary War, IX, 36; Belcher in, XXIX, 131; Jones, III, 57; Lawrence, VIII, 241; Monckton, I, 103.
- Halket, Sir Peter, in French and Indian War, I, 286.
- Hall, —, in Indiana, XI, 287.
- Hall, Edwin O., printer, XXVIII, 333.
- Hall, Henry, merchant, XXI, 210.
- Hall, Judge James, author, XXVI, 31; publishes magazine, 244, 245; *Legends of the West*, 31, 101; *Letters from the West*, 31; *Life of Harrison*, 31; *Michel de Couce*, 101; *North American Indians*, 31; *Notes on Western States*, 31, 58, 60; *Sketches of the West*, 31, XXVII, 88, 91; *Statistics*, XXVI, 31; *Tales of the Border*, 139, 141; *The West*, 31.
- Hall, Rev. Robert, celebrity, XI, 94.
- Hall, Sally, in Arkansas, XIII, 292.
- Hall, Webb, reformer, X, 120, 160.
- Hall County (Nebr.), XV, 224.
- Halleck, Fitz-Greene, quoted, XXVI, 288.
- Hallet, —, at Fort Vermillion, VI, 370, 371.
- Hallowell (Maine), Kelley in, XXI, 24.
- Halsey, F. W., *Old New York Frontier*, VIII, 122, XXIV, 186.
- Halsey, J. C., on Willamette, VI, 279, 281; in Astoria, 283; on "Beaver," 276; "Pedlar," 316, VII, 264; "Raccoon," VI, 299; story of, 405, 406.
- Halsey County (N. Dak.), fresh water in, XXII, 342.
- Hamamelis*, III, 29; *virginica*, XVII, 43.
- Hamaxobii, resemble Indians, XIII, 261, 262.
- Hamburg (Ill.), river port, XXII, 208.
- Hamilton, —, tavern-keeper, IX, 102, X, 258.
- Hamilton, Alexander, statesman, VI, 192, 193, IX, 211; essays, 207.



- Hamilton, Henry, British officer, II, 55; at Vincennes, I, 56, 141, 146; captured, IV, 94, XXVII, 90.
- Hamilton, James, governor of Pennsylvania, I, 53, 56, 81, 88, 89, 93, 94; in Carlisle, 84; address to Indians, 62-67; release of prisoners, 74; sketch, 57.
- Hamilton, James Archdale, fur-trader, XXII, 374; commands Fort Union, XXIII, 188, 189, XXIV, 63; with Maximilian, XXIII, 197, 198, 205, 206; writes life of Glass, 197; sketch, XXII, 374.
- Hamilton, Maj. Joseph V., in Fort Vermillion, XXIX, 370, 371.
- Hamilton, Robert, founds town, XIX, 148.
- Hamilton, William, botanist, III, 132, 135, 136, 149-151.
- Hamilton, William, missionary, XXX, 255.
- "Hamilton," Boston ship, XI, 45, 46; encounters storm, 49-51.
- Hamilton (N. Y.), Hooper in, XI, 158.
- Hamilton County (Ohio), seat, IV, 257, XIX, 36.
- Hammers, as equipment, XIX, 249, XXI, 32.
- Hammond, Matthew Brown, *Cotton Industry*, III, 298.
- Hammond, S., in Herculaneum (Mo.), XXII, 212.
- Hampton, Gen. Wade, plantations, XIII, 309, 312, 357.
- Hamtramck, Maj. J. F., in Fort Knox, VIII, 285.
- Hanas. See Janos.
- Hanatanumauk. See Wolf Chief.
- Hancock, Julia, river named for, XXIII, 70.
- Hancock, Samuel, account of Meek's party, XXX, 124.
- Hancock, Maj. Gen. Winfield Scott, expedition against Cheyenne, V, 140.
- Hancock (Md.), Welby in, XII, 288.
- Hancock County (Ill.), in bounty tract, XXVI, 128.
- Hand, Gen. Edward, commands Fort Pitt, IV, 94, 99.
- Hand, Capt. Ichabod, tavern-keeper, XXIV, 184.
- Handcock, Thomas, in South Carolina, XII, 309.
- Handkerchiefs. See Clothing.
- Hands, MacClean, ferryman, III, 54.
- Hanging-Dog-Bend, Maximilian on, XXII, 208.
- Hanging Rock (Ind.), origin of name, X, 251.
- Hanging Rock (Ohio), described by Cuming, IV, 150, 155; by Maximilian, XXII, 153; origin of name, 154; sketch, XXVI, 71.
- Hanging Rock (Tenn.), A. Michaux in, III, 102, 104.
- Hankinson, —, merchant, V, 36.
- Hanks, Francis, in Wanborough (Ill.), XI, 265; relations with Birkbeck, 266; marries Prudence Birkbeck, X, 48, XI, 265.
- Hanks, Joseph, in Wanborough (Ill.), XI, 265.
- Hannastown (Pa.), sketch, III, 153.
- Hannegan, Edward A., minister to Berlin, XXVI, 10.
- Hannibal (Mo.), location, XIV, 143.

- Hanover (Pa.), founded, III, 50; A. Michaux in, 52.
- Hanover Township (Pa.), settlements in, XXII, 115.
- Hans Jacob, Teedyuscung's son, I, 187.
- Hanson, —, mate, XXI, 314.
- Haquilaugh, Indian priest, with Astorians, VII, 144, 147-149; thievery of, 153.
- "Harbinger," in Santa Barbara, XVIII, 279.
- HARBORS: on Oregon coast, XXIX, 61, 83, XXX, 200, 201, 294; at Boston, XXII, 41.  
     Gray's, location, XXX, 213; origin of name, VI, 256; described, XXIX, 83, 84; Indians near, VI, 256, 267, 288, 289, 293; railway, XXIX, 81.  
     Holm's Hole, XI, 53.  
     Matamoras (Mex.), XVIII, 364.  
     Monterey (Cal.), XVIII, 281, XXVIII, 31.  
     Nass, XXI, 315.  
     New York, XIX, 154, XXII, 60, XXIV, 193; ice in, XIX, 286.  
     Puget's Sound as, XXX, 212, 284, 286, 287, 294.  
     Rogue's, Gass names, VI, 234.  
     San Francisco, Drake in, VI, 257.  
     Simpson, on Pacific, XXIX, 58.
- Hard Heart. See Grand Batture.
- Hardin County (Ky.), Larue in, III, 88.
- Harding, —, ferryman, XVII, 24.
- Hardware, article of trade, XII, 262, XIX, 256, XXIX, 60.
- Hare (Deer-skin, Hare-skin) Indians, habitat, XXIX, 232.
- Hare-bell (*campanula decipiens*), XV, 307; observed by Flagg, XXVI, 286.
- Hares (*lepus americanus*), XXII, 68, 81, XXIX, 125; habitat, II, 95, 98, 99, V, 257, XVII, 146, XIX, 327, XXIV, 44, XXVII, 39, XXVIII, 351; observed, XXI, 269, XXIII, 52, XXIV, 95, XXVI, 183, XXIX, 184; winter coats, XXIV, 20; hunted, XIII, 331, XV, 234, XVI, 151, XXI, 285, XXIX, 257; as food, XI, 37, XIII, 331, XVIII, 90, XXI, 235, 279, XXIX, 211, XXX, 260; article of trade, XXI, 281; bait, XXIV, 47; English, XXVIII, 221; *glacialis*, XV, 247; mountain, XXIX, 214; *variabilis*, V, 121, VI, 106, XV, 247, XXIII, 30, 35; white, 347, XXIV, 36; skins, XXI, 307, XXIII, 330.
- Harlan, Dr. Richard, meets Maximilian, XXII, 64, XXIV, 191; quoted, XIV, 46, 47, XV, 69, XXIII, 284; sketch, XV, 69, XXII, 64; writings, 64.
- Harlan County (Nebr.), XVIII, 52.
- Harlem (N. Y.), location, XII, 78.
- Harman, Capt. —, expedition against Abnauquis, XXVII, 66.
- Harmar, Gen. Josiah, in Miami country, I, 327; Revolution, III, 34; Indian campaign, IV, 215, VIII, 229, 265; notes trees, IX, 285.
- Harmon, Daniel W., American writer, VI, 173.
- Harmonists, founder, X, 54, XIV, 109; described, V, 314-316, X, 53-61, 312-314; principles, XI, 259, XII, 260-262; characteristics, X, 64, 99, XI, 191, 248, 250; dress, 250; religious services, 250, 255; amount of property, V, 315, 316; sketch by Bradbury, 314-316; relations with

## HARMONISTS (continued)—

- Birkbeck, XI, 216, 267; settlements of, XXII, 140; in Pennsylvania, X, 55, XIV, 109, XXII, 140; in Indiana, X, 50, 53, XXII, 140, XXVI, 67.
- Harmony (Ind.). See New Harmony.
- Harmony (Pa.), V, 314-316, X, 55, XI, 207, XIV, 109, XXII, 140.
- Harness. See Horses.
- Harness-makers. See Trades.
- Harney, Gen. William S., in Fort Vancouver, XXI, 297; Sioux campaign, XXII, 315.
- Harney County (Oregon), lake in, XXI, 264.
- Haro, Gonzalez Lopez de, on Northwest Coast, XXIX, 76.
- Harpe, —, Kentucky bandit, IV, 268.
- Harpe, Bénard de la, manuscript cited, XXVII, 43.
- Harper, John, in Ohio, XI, 223.
- Harper, Robert, founds town, III, 50.
- Harper, Prof. Robert A., III, 150.
- Harper & Brothers, publishers, XIX, 166, XXVI, 12, 18.
- Harper's Ferry (W. Va.), III, 50, 52, X, 199, 200, 205, 208, XI, 146, 147, XIII, 212, XVII, 253, XXX, 161.
- Harper's Magazine*, cited, XVIII, 17.
- Harpoon, described by Maximilian, XXIV, 194.
- Harpsichord, as amusement, XXII, 49.
- Harriford, John, founds settlement, XXVI, 299.
- Harriford, Paul, founds settlement, XXVI, 299.
- Harrington, —, farmer, XIII, 289, 290.
- Harrington, Samuel, Astorian, V, 75.
- Harrington, Thomas, drowned, XX, 97.
- Harrington, William, Astorian, V, 53, 54, 75.
- Harriot, —, fur-trader, XXIX, 236; meets De Smet, 235, 244, 263.
- Harris, —, founds town, I, 237, IV, 41.
- Harris, John, fur-trader, I, 237.
- Harris, Moses (Black), guide, XXX, 123.
- Harris, Thaddeus Mason, Western traveller, III, 20-23; point of view, VIII, 9, IX, 285, XXVI, 12, 13; literary works, III, 22; *Journal of a Tour*, 22, 28, 311-382; cited, IV, 11, 84, 115, 118, 124, 236, 237, 239, VIII, 246, 254, 262, IX, 86, 100, X, 36, 38, 77, 207, 214, 219, 220, XI, 138, 167, XII, 178, 201, 203, 283, 284, XIII, 39, 44, XIV, 60, XIX, 28, XXII, 145.
- Harrisburg (Pa.), founder, I, 237, IV, 41; early history, 39; described, 37-41, IX, 64, XXII, 131, 132; state capital, IV, 32, IX, 66; ferry at, I, 45, IV, 42; Cumming in, 29, 53, 54, 59; Nuttall, XIII, 36, 37.
- Harris's Ferry (Pa.), Croghan at, I, 45.
- Harrison, —, Oregon emigrant, XXX, 251-254.
- Harrison, Edward, at Fort Cumberland, VI, 376.

- Harrison, John Cleves Symmes, residence, XXIV, 138.
- Harrison, Robert Carter, in Kentucky, IV, 180.
- Harrison, Thomas, in Virginia, III, 49.
- Harrison, William Henry, at Tippecanoe, VIII, 173, 286, 287, X, 268, XIX, 66; War of 1812-15, IV, 160, VIII, 205, 206, 210, 227, XXVI, 155; superseded, III, 61; builds fort, VIII, 199; negotiates treaties, 283, XXII, 226; meets Tecumseh, XX, 286, 287; chief, XIII, 344; governor of Indiana, IV, 262, XIV, 102; at Vincennes, XII, 237, XXII, 178; residence, XXIV, 137; appointee, XI, 220; cousin, IV, 163; sketch, 262, XXIV, 137, 138.
- Harrison (Ill.), XVII, 113.
- Harrison (Ind.), XIX, 68.
- Harrison County (Ind.), XIX, 68, 280.
- Harrison County (Iowa), XIV, 221, XXIV, 105.
- Harrison County (Ky.), XIX, 186.
- Harrisonburg (Va.), Michaux in, III, 49.
- Harrisonville (Ill.), location, XIV, 101, XXVII, 104.
- Harrod, James, founds Harrodsburg (Ky.), III, 211, XI, 182; on Licking River, IV, 256.
- Harrodsburg (Ky.), sketch, III, 211; Adair in, 212; Cowans, XI, 182; F. A. Michaux, III, 213.
- Hart, Judge David, sketch, XI, 215; character, 218; in Princeton (Ind.), 305; opinion of English settlements, 222.
- Hart (Heart), Gen. Jonathan, *Travels in Upper Pennsylvania*, III, 178.
- Hart Brothers, in Granville (N. C.), XI, 215.
- Hartford (Conn.), Barlow in, XI, 136; Buttrick, VIII, 89; Fancher, XV, 202; Harris, III, 370; "Commerce," XVIII, 27.
- Hartland (Kans.), site, XIX, 185.
- Harvard College, graduates Pickering, XXIV, 202; Peabody Museum publications, V, 116, XXVIII, 150.
- Harvey, Alexander, fur-trader, builds fort, XXIII, 166; hunting, XXVII, 340, 369, 370; at Fort Mackenzie, XXIII, 24, XXIX, 368; vengeance on Blackfeet, XXIII, 87; encounter with Berger, 23; kills Sandoval, 132; forms company, XXIX, 370; sketch, XXII, 339.
- Harvey County (Kans.), Little Arkansas River in, XVI, 239.
- Haschasto (orator). See Big Soldier.
- Hasel Swamp (Pa.), Maximilian in, XXII, 116.
- Hashakedatungar. See Big Soldier.
- Hashea, Oto chief, XV, 78; influence over tribesmen, XfV, 269, 270; war exploits, XV, 135. See also Broken Arm.
- Haskell County (Kans.), Santa Fé trail in, XIX, 222.
- Haskins, Charles Homer, *Taxoo Land Companies*, IV, 306.
- Haslett, Capt. John, in Loyalhanna, I, 244, 247; sketch, 244, IV, 82.
- Hastings, D., in Boston, VIII, 21.
- Hatch, —, relations with Oregon expedition, XXI, 23.
- Hatche, Peter H., Oregon pioneer, XXX, 156.
- Hatchets, primitive, XVIII, 342; as equipment, VIII, 103, XV, 192, XXIII, 62, XXIV, 58, XXIX,

## HATCHETS (continued)—

186, 390; of wood, XIII, 350; article of trade, XXIV, 100, 253, 262; handles, XXIII, 41. See also Indians: Weapons.

Hats. See Clothing.

Hatters. See Trades.

Havana (Cuba), IV, 8, 71, VIII, 40; sugar market, 368; Moro castle, 372, 373; described, 360; yellow fever at, XI, 103, XXII, 33; capture of, XXVII, 78.

Havana (Ill.), county seat, XXVI, 129.

Havasupai Indians. See Coconino.

Havensport (Ohio), Maximilian in, XXIV, 151.

Haverhill (Ohio), New Hampshire colony in, IV, 157.

"Havre," Atlantic packet, XXIV, 192-194.

Havre de Grace (Md.), described, XII, 291.

Hawaii (Otaheite, Owhyhee), discovered, XXVIII, 31; named, VI, 209; first settlement, 226; described, 210-229, VII, 57-71, 251; climate, VI, 225; volcano, 209, VII, 55; fertility, VI, 216; vegetable products, 221, 222, VII, 71; animal, VI, 221, 227, XI, 48; scarcity of provisions, VII, 59, 60; of water, VI, 214; population, 215, 220, 221; commerce, XXI, 9, XXVIII, 13; natives: origin, VI, 226, VII, 163, XII, 67; physique, VI, 223; food, 225, VII, 64, 70; villages and buildings, VI, 216, 224, VII, 62, 64, 65, 70; dress, VI, 218, 219, 223, VII, 69, 70; sculpture, 65; manufactures, VI, 211, VII, 63, 64, 69, 71; canoes, VI, 224; pipes, VII, 64; expert swimmers, VI, 211, 212, VII, 61, 68, 69; marksmanship, 71, 72; weapons, 71; government, kings, VI, 213-220, VII, 70, 73; queens, 61; guards, VI, 219, VII, 62-64; white governor, VI, 214, VII, 59; games and amusements, VI, 211, 212, 225; art, 223, 224, VII, 65; tattooing, 57; intoxication, VI, 220-222; relations with women, 223, VII, 70; religion, VI, 224, 225; taboo, 225, VII, 63, 65; human sacrifice, 65; language, 73; relation with whites, VI, 70, 71, 214, XXVII, 391; visitors, VI, 276, VII, 65, XXI, 15, 25, 138, 306, 317, 330, 335; missionaries, XXVII, 391; Captain Cook killed, VI, 209, 212, 213; Hawaiians exported, 222, 276, VII, 11, 80, 84, 88, 92, 126; in Oregon, VI, 257, 260, 294, VII, 115, 196, 243, 252, XXVIII, 337, XXIX, 65, 67; desert Wyeth, XXI, 308; drowned, VI, 233-238, VII, 84, XXI, 325, 326; burial, VI, 238, VII, 85; mummies, XII, 67.

Hawayzask Indians. See Musquash.

Hawkins Court House (N. C.), A. Michaux in, III, 51.

Hawks (*falco*), observed, VII, 50, XII, 155, XVI, 127, 128, XX, 282; habitat, VI, 323, XIV, 81, XVII, 147; as food, XIV, 130; fishing, XXII, 83; night (*caprimulgus porpetue*), XV, 320, 326, XXII, 74, XXVI, 270; sparrow (*sparverius*), XV, 80, XVI, 26, XXIII, 35, 51, 169, 185, XXIV, 95, 102, XXVIII, 222; other varieties, XIV, 81, XV, 318, 319, XXIX, 51.

Hawse, Jasper, on Rocky Mountains, VI, 357.

Hawthorn, fences of, XI, 188, 269; observed, XVII, 124, XXVII, 256, XXIX, 196.

Hawthorne, Nathaniel, in Salem (Mass.), XI, 167.

Hay, noted, IV, 152, 190, 206, 236, X, 260, XXIII, 138; abundant, VIII, 194, X, 355, XI, 258, XXIX, 88, 246; scarce, IX, 162, 234, XXIII, 162, 166; quality of, IX, 310, 317, XI, 193; fields, 106; grass for, X, 339, XII, 13, XXVII, 119; annual crop, XII, 114; when harvested, XIX, 75; packed, X, 198, 202; as fodder, V, 260, X, 50, 101, 197, 271, XIII, 113, XXX, 289; article of trade, XI, 57, 137, 141; prices, X, 74, XII, 22, 196; market, III, 122; seeds, V, 309; stacks, XI, 159; ricks, X, 260.



- Hayden, J. V., in Bad Lands, XXIV, 90, 91.
- Hayes, Capt. —, in Fort Allen, I, 186.
- Hayne (Haines), Col. Robert Young, attorney-general, XI, 93, 94, 97, 98, XII, 74.
- Haynes, —, tavern-keeper, III, 266.
- Hays, —, drowned, XX, 101.
- Hays, —, horse, I, 281, 282.
- Hays, —, tavern-keeper, III, 213.
- Hays, Elizabeth, granddaughter of Daniel Boone, XV, 174.
- Hays, Col. Robert, in Nashville (Tenn.), III, 93.
- Hays, Lieut. William, in Fort Ligonier, I, 286, 287; Fort Lyttleton, 240, 290; Kuskusking, 251, 255; Pittsburg, 282, 284; Raystown, 289; Reading, 180, 234, 236; on Allegheny River, 244-246; letters, 252, 253; sketch, 234; killed by Indians, 250.
- Hazard, Erskine, coal operator, XXII, 123.
- Hazel (*corylus*), IV, 224; noted, IX, 281, X, 252, 306, XIII, 231, XXII, 196, XXVI, 162, 274; habitat, XXII, 385, XXIV, 109, XXVI, 343; abundant, XVII, 87, XXVII, 45, XXIX, 87, XXX, 179; dwarf, X, 260, XV, 289, XVII, 118; described, IX, 284; superstition about, XXIV, 153; nuts, V, 260, VI, 321, IX, 284, X, 308.
- Hazlitt, William, *Philosophical Reviews*, XXVI, 32.
- He who does not dodge. See Nozundojje.
- He who eats raw. See Wasacaruja.
- He who kills brave men, Kansa Indian, XV, 91.
- He who scares all men. See White Plume.
- Hearne, Samuel, establishes Fort Cumberland, VI, 376.
- Heath, —, publisher, XI, 60.
- Heath family (plants), absence of, XIII, 149.
- Heb, Col. —, farm described, XII, 114; in Washington (D. C.), 109; visited by Faux, 111.
- Hebiscus, manihot* and *militaris*, observed by Bradbury, V, 319.
- Hebron (Ohio), Maximilian in, XXIV, 152.
- Heceta, Bruno, on Northwest Coast, VI, 233, XXVIII, 32, XXX, 193.
- Heckatoo (Hackatoo, Hecketon), Quapaw chief, XIII, 131, 135; village, 131; talks with Nuttall, 133, 134.
- Heckatoo (Ark.), location, XIII, 128.
- Heckewelder, John Gottlieb Ernestus, Moravian missionary, I, 181, 210, IX, 105; information by, I, 248, XIII, 175, XVI, 47, 48, XXIV, 153; *History of Delawares*, XIII, 339; *Indian Nations*, I, 212, 220; *Narrative of Missions*, 181, 182, 239; sketch, XVI, 47.
- Hecktown (Pa.), location, XXII, 85.
- "Hecla," Captain Lyon on, XXIII, 160.
- Hector (N. Y.), Evans in, VIII, 129.
- Hedding, Elijah, Wallawalla convert, XXX, 229.
- Hedeoma hirta*, collected by James, XV, 200.
- Hedges, James, government surveyor, IX, 307.
- Hedysarum*, abundant, XVI, 169.

Heistant, —, Pennsylvania German, IV, 209.

"Helen Douglas," Hamburg steamer, XXIV, 193.

"Helen Mar," Ohio River steamboat, XXII, 154, 155; accident to, XXVI, 136.

Helena (Ark.), founded, IV, 297; Patterson in, XIII, 89.

*Helenium*, habitat, XXIX, 424; *quadridentatum*, XIII, 78.

"Heloopolis," snagboat, XXVI, 57.

*Helianthus*, noted, XIV, 156, XVI, 86, XXVI, 286; abundant, XVI, 152, XXIII, 152; new species, XIII, 235; (*canadensis*), XV, 226; (*petiolaris*), XXII, 385, XXIII, 33; dye from, 275.

Heliotrope, abundant, XXVII, 116; observed by Flagg, XXVI, 183, 212, 286.

Hell Gate (Long Island Sound). See Sounds: Long Island.

Hell Gate (Mont.), location, XXX, 278; De Smet in, XXVII, 269, 333; described, 269; view, 239.

Helvetius, Madame Anne Catherine, XIV, 76.

Hemans, Felicia Dorothea, quoted, XXVI, 219, 257, 288, 331.

Hembree, Absalom J., settlement named for, XXX, 173. See also Settlements: Hembree.

Hemlocks (*abies canadensis*), noted, XVI, 25, XXII, 93, XXVIII, 180, 192, 201, 231, 325, 374, XXX, 110, 152, 172, 194, 195, 198; habitat, VI, 319, IX, 151, XVIII, 349, XXIV, 181, 184, XXVII, 67; size, VIII, 49; double-leaved, XXVIII, 213.

Hemollemico, Indian chief, VIII, 351.

Hemp, noted, I, 134, 137, 140, 143, 144, III, 151, 237, 276, XXVII, 257; unknown, XIX, 339; from nettles, XIII, 234; cultivated, III, 194, VIII, 275, X, 141, 240, 298, XI, 153, XIII, 142, XXII, 183, XXVII, 115, XXVIII, 122, XXX, 33, 190; soil adapted for, VIII, 268; amount produced, V, 315; abundance, VIII, 275, IX, 254, XVIII, 378; article of trade, III, 191, VII, 277; prices, III, 203, IX, 140; exported, III, 241; nets of, VII, 277.

Hemp-bird (*fringilla tristis*), song, XV, 313.

Hemphill County (Tex.), Dry River in, XX, 213.

Hemstead County (Ark.), road, XIII, 218.

Henderson, Col. Richard, in Kentucky, IV, 267.

Henderson, Rev. Thomas, teacher, XX, 306.

Henderson (Hendersonville), Kentucky settlement, IV, 267, X, 48, 252, XIII, 70; Audubon in, IV, 267, XXVI, 65; Nuttall, XIII, 70; Woods, X, 252; "Water-witch," XXII, 161; population, IV, 267, X, 252.

Henderson County (Ill.), in bounty tract, XXVI, 128.

Henderson County (Ky.), seat, XIII, 70; population, X, 252.

Hendricks, Mohawk chief, I, 296, II, 211.

Hennepin, Father Louis, French explorer, II, 13, 34, 45, 49, XIX, 46-50, XXVII, 38; with La Salle, XIX, 46, XXVII, 37; describes customs, XIX, 217, 218, XX, 339, XXVII, 70; Sioux, XVII, 306, XXII, 279; names river, XXVIII, 153; quoted, II, 50, XX, 290, 294, XXVII, 40; bibliography, 39; writings, II, 34, 97, VIII, 228, XXVII, 39.

Hennepin (Ill.), site, XXVI, 139.

Henry, Alexander, Sr., Indian trader, I, 160, II, 15, 178, VI, 313; *Travels and Adventures*, cited, I, 160, 161, II, 11, 22, 90, 127, 168, VI, 313, 315, 382, 391.

Henry, Alexander, Jr., North West partner, VI, 269, 298, 358; erects post, XXIII, 353; in Northwest,

VI, 294, 295, 370, 379, 382, 385; information, V, 162, VI, 246, 307, 312, 384; *Henry-Thompson Journals*, 252, 311, 313, 316, 336, 366, 386, VII, 138, XXI, 97, XXIII, 270, 279, 282, 284, 321, 333, 346, 373, 378, XXIV, 92, XXIX, 247.

Henry, Andrew, fur-trader, V, 262, VI, 29, 89, 138, XVIII, 140, 171, XXIX, 56; in Fort Henry, V, 230; on Columbia, 228, VI, 29; Yellowstone, XIX, 237, XXII, 294; with Bridger, XXVII, 299; Lisa, VI, 152; name for Indian, V, 163; river named for, XXVII, 175; sketch, V, 230, VI, 27, XV, 246.

Henry, J., Franchère meets, VI, 353.

Henry, John, founds town, V, 41.

Henry, Patrick, governor of Virginia, III, 33.

Henry, W. E., librarian, X, 270.

Henry, William, Moravian Indian, I, 211. See also Killbuck.

Henry, William, fur-trader, VI, 313, 314, 353, 356, XXI, 301.

Henry, William, in Pennsylvania, XXII, 124.

Henry County (Ill.), XXVI, 128, 307.

Henry County (Iowa), XXX, 253.

Henry County (Ohio), city in, VIII, 204.

Henshaw, H. W., cited, XXVIII, 31.

Herbert, George, quoted, XXVI, 59, 86, 233.

Herculaneum (Mo.), origin of name, X, 329; location, V, 253, XIV, 122; natural features, V, 318, XVII, 219, XXVI, 146; cliffs, XXVII, 93, 99; described, XIV, 104, 106, XXII, 212, XXVI, 103; population, XVII, 126; prices, XIII, 77.

Heriot, George, *Travels*, cited, XVII, 240.

Herkimer, Gen. Nicholas, in battle of Oriskany, XXIV, 184, 187.

Herkimer (N. Y.), location, XXIV, 187.

Herman, John Gottlieb, in Nazareth (Pa.), XXII, 85.

Hermann (Mo.), county seat, XIV, 137.

"Hermitage," Andrew Jackson's home, III, 61.

Hermosillo (Mex.), location, XVIII, 151.

Herochche. See Real War Eagle.

Heron (*ardea heroidas*), noted, XV, 322, XXI, 157, XXIV, 107; habitat, VI, 323, XVI, 169, XXVII, 334; hunted, XVI, 86; varieties, XV, 322, 327, XVI, 172, XXII, 80; feathers, XXIX, 391.

Herr, Michael, tavern-keeper, IV, 47.

Herrara, Antonio de, *Historia general de los hechos de los Castellanos*, XIX, 258, XX, 292, XXVII, 44, XXVIII, 30.

Herreis, William, founds Montesano, IV, 338.

Herrings, abundant, VIII, 231; habitat, XXIX, 93; fishing, XII, 332; as sea-store, 158; hogs, IV, 374.

Herriott, F. I., *Transplanting Iowa's Laws to Oregon*, XXX, 214.

*Hesperis pinnatifida*, observed by Nuttall, XIII, 56.

Hessians, in Revolution, XI, 107.

Heterodon, preserved, XXII, 263.

*Heuchera, americana*, XV, 172; *vicia*, III, 53.

Hezekiah, Indian convert, XXX, 111.

Hibband. See Hubbard.

*Hibiscus*, observed by Maximilian, XXII, 42; cultivated, 48, 73; blossoms, XVI, 135, XXII, 73; *militaris*, III, 65; *syriacus*, XXII, 73.

Hickman, Thomas, Indian interpreter, I, 235, 245-248, 261; attitude toward English, 224; with Post, 227; murdered, 235.

Hickman, Rev. William, in Kentucky, III, 43.

Hickomen, John, Indian captain, I, 220.

Hickory trees (*juglans*), III, 197, X, 252, XII, 192, XIII, 90, 110, 161, 242, XIV, 65, 213, XVI, 260, XVII, 13, 16, 29, XIX, 56, 196, XXII, 60, 133, 189; habitat, III, 66, 212, VI, 46, 49, 53, VIII, 181, XVII, 63, 115, 118, 123, 124, 143, XIX, 71, 77, XX, 254, XXVII, 69; abundant, XV, 170, XVI, 246, XVII, 58, 62, 69, XXVII, 45, XXVIII, 58, 63, XXX, 44, 45; three varieties, X, 306; shell-bark (*squamosa*), III, 127, 229, V, 254, 255, XVII, 116; white (*alba*), III, 29, 59, 66, IX, 121, 255, XIV, 156, XVII, 116, XXII, 129; *cinerea*, XIV, 156; *minima*, III, 160; *nigra*, 28, 62, 66, XIV, 156; pignut (*pacane*), III, 50, XIV, 66, 75, 230; *porcina*, 156; *pubescens*, 128; uses, X, 42, XI, 304, XIV, 241, XXII, 166, 167; nuts as fodder, V, 257, 260, X, 285.

Hicks, —, farmer, IV, 306.

Hidalgo y Costilla, Don Miguel, leads Mexican revolt, XVIII, 152, XIX, 176, 271; executed, XVIII, 153.

Hidatsa Indians. See Minitaree.

*Hieracium, marianum*, XVI, 185; *runcinatum*, XV, 223.

Hieroglyphics, on prehistoric remains, XXVI, 105; in cave, 75, 76; Piasa bird, 123; on Tillamook Rock, XXX, 197.

Hietan Indians, wandering tribe, XVI, 122; hunting range, XIII, 272.

Highland (Kans.), site, XXX, 255.

Highland County (Ohio), road, IV, 203, IX, 302; Flint in, 298; Heistant, IV, 209.

Highland Falls (N. Y.), church in, XXVI, 137.

Highland View (Va.), Flagg in, XXVI, 11.

Higua-shells, as Indian ornaments, VII, 137, 280, 281, XXI, 350; as money, VI, 326, 327, 332, VII, 109, 277; use in burial, XXVII, 166; in exchange, VII, 129, 154; described by Ross, 109; Townsend, XXI, 350.

Hildreth, S. P., *Ohio Valley*, I, 126, IX, 285.

Hill, —, tavern-keeper, IV, 319.

Hill, Col. —, iron manufacturer, III, 54.

Hill, Nathaniel, in St. Clair County (Ill.), XXVII, 112.

Hill, Robert, on "Tonquin," VI, 195.

Hillery, T., planter, XI, 154, 155; miller, 156.

Hillham (Tenn.), Fisk in, III, 253.

Hillhouse, Augustus L., *North American Sylva*, XIII, 16.

Hillsboro (Ill.), Flagg in, XXVI, 12, 207, 229, 232, 237.

Hillsboro (Oregon), site, XXVIII, 275.

- Hillsborough, Wills, Earl of, quoted, XII, 108.
- Hillstown (Ill.), site, XXVII, 112.
- Hillyer (Hillier), Commodore George, in War of 1812-15, VI, 300.
- Himes, George H., aid acknowledged, XXX, 18; quoted, XXIX, 171, XXX, 42; *Press of Oregon*, 160.
- Hinckley, Captain William S., in San Blas, XVIII, 308; in San Carlos mission, 303, 304; in New York, 317.
- Hind, Henry Y., *Canada Exploring Expedition*, VI, 382.
- "Hindoo," keel-boat, XXVI, 58.
- Hindustan (Ind.), location, XII, 230, 232; settlement, 271; Faux in, XI, 203.
- Hinds, W. A., *American Communities*, V, 314, XXIV, 155.
- Hinófos, Capt. —, expedition against Navaho, XX, 73, 74.
- Hinsdale, B. A., *Old Northwest*, IX, 119, 176.
- Hippophæ argentea*, observed by Bradbury, V, 317.
- Histopp Indians (those with tattooed countenance), legend, XXIII, 312.
- Historical Magazine*, cited, I, 136, XIII, 305, XXVII, 79.
- Hit, —, in Kentucky, XII, 14.
- Hite, Joist, in Virginia, III, 49.
- Hoagland's Station (Ky.), site, XXVI, 48.
- Hoback, John, pioneer hunter, V, 98, 99, VII, 222, 223; robbed, 266.
- Hobbs, Dr. Samuel B., Gregg's creditor, XIX, 164.
- Hoboken (N. J.), founded by Dutch, XXII, 60; Welby in, XII, 164, 166, 168.
- Hobson, —, in Philadelphia, XI, 108.
- Hobson, —, tavern-keeper, X, 254, 264.
- Hobson, Ann, adopted by Whitman, XXX, 113.
- Hobson, Emma, adopted by Whitman, XXX, 113.
- Hockett, Homer C., aid acknowledged, VI, 18, XIII, 18, XIV, 26.
- Hockhocking (Ohio), situation, IV, 222.
- Hodgenville (Ky.), A. Michaux in, III, 88.
- Hoeken, Father Adrian, Jesuit missionary to Oregon, XXIX, 134, 135, 142, 183; in St. Ignatius, 191, 302; among Kettle Indians, 273; Pend d'Oreille, 294; Indians baptized by, 185, 190, 301; meeting with De Smet, 173, 177, 293; De Smet assisted by, 299; succeeded by brother of, XXVII, 153; brother of, XXIX, 134; sketch, 134.
- Hoes, agricultural implements, X, 203, XVIII, 48, 145, XIX, 288, 289; article of trade, XIV, 307, XXIII, 276; prices, XI, 241.
- Hoffman, B. Gottlob, translator, II, 13.
- Hoffman, Charles Fenno, *Winter in the West*, XIX, 161.
- Hoffman, W. J., *Midewiwin of the Ojibwa*, II, 138, XXVIII, 159; *Menomini*, II, 183.
- Hogan, Edmund, in Pulaski County (Ark.), XIII, 146; founds Little Rock, 288.
- Hogan, James, in Bryant's Station (Ky.), III, 43.
- Hogs (Ham, Lard, Pigs, Pork, Swine), breed, XXII, 184; habits, 182; owned by Indians, XXVIII, 122, 127, 131, 134-136, 138, 140, 144; hieroglyphic figures, XXVI, 77; raised by whites, III, 246,



## Hogs (continued)—

- IV, 62, V, 280, VIII, 206, X, 45, 51, 102, 134, 263, XI, 178, 214, 242, XVI, 286, XVII, 17, XIX, 59, XX, 303, XXII, 206, 266, XXIV, 140, XXVI, 210, XXIX, 22, 27, 40, XXX, 113; accompany emigrants, XVII, 33; wild, V, 260, 261, VII, 173, VIII, 193, 227, 240, X, 46, XVIII, 104, XXIX, 67; hunted, VIII, 193, XVII, 32; numerous, III, 246, V, 260, VI, 37, VIII, 193, X, 284, XXII, 61, 151, XXIV, 107; scarce, X, 246, XVI, 42; quality, IX, 30, 31, X, 209, XI, 187, 212, 245, XXI, 126, XXII, 129, 185, XXX, 291; unenclosed, XII, 328, XVII, 32, XXIV, 123, XXX, 290; housed, X, 279, 280, XII, 218, XXII, 106; corralled, V, 260, 261; lack of care, XXII, 184; fodder, V, 257, 260, 281, 284, VIII, 144, 256, 275, 299, IX, 117, 234, X, 232, 293, 298, 301, 347, 354, XI, 142, 149, 212, XII, 63, XVII, 32, XIX, 111, XXII, 183, XXIV, 134, XXVIII, 359, XXIX, 14, XXX, 171, 291; methods of identification, V, 261, X, 282, 283, 285; stolen, XX, 94; at salt licks, V, 274; destroy cane-brakes, III, 95, 257; scavengers, IX, 31, XI, 237; temper clay, 297; enemies of, IX, 234, X, 288, XI, 200, 204, 228, 229, 289, XII, 21; diseases, X, 286; weight, XI, 300; fresh, X, 258; used as sacrifice, VI, 238, VII, 65; as food, V, 280, VII, 61, 64, VIII, 50, 51, 83, X, 93, 199, 356, XI, 42, 45, 47, 74, 106, XII, 11, 16, 109, 276, XIV, 131, 278, XIX, 136, 324, XXI, 127, XXII, 285, XXIII, 27, 207, 209, XXIV, 94, XXVI, 348, XXIX, 66; article of trade, III, 191, IV, 135, VI, 213, 214, 217, 227, 287, VII, 59, 60, 62, VIII, 51, 269, IX, 149, 151, 156, 161, 252, X, 245, XI, 53, 143, XII, 11, XIII, 68, XXII, 184, 383, XXIV, 123, 148, XXIX, 94, XXX, 74, 295; supply, III, 191, V, 299, VI, 214, X, 180, XI, 45, 48, XII, 157, XV, 191, XXI, 143, 305, XXIX, 26, 169, 267; value, V, 288, 316, IX, 126, 139, X, 74, 285, XI, 150, 180, 241, 245, 300, XII, 17, 283, XIII, 68, 77, 112, XIV, 131, XIX, 68, 136, XXX, 219, 238; duty on pork, XVIII, 353, 354; in Fort Leavenworth, XXIV, 115; Fort Union, XXII, 377; Hawaii, VI, 221; Indiana, IX, 185, XXIV, 140; Middle West, XI, 204, 218, 219, 234, 283; Mississippi, IV, 352; Pennsylvania, 49; Potomac River, XII, 97; Wailatu mission, XXVIII, 337; Wallawalla, XXIX, 185; Wappatoo Island, 14; observed by Nuttall, XIII, 216; Woods, X, 241, 285.
- Hoit County (Mo.), creek in, XIV, 216.
- Hoitxia*, two species, XV, 241.
- Holbach, Paul Heinrich Thyry, XIV, 76.
- Holbrook, D. B., land speculator, XXII, 204.
- Holcroft, Thomas, British dramatist, XII, 316.
- Holcus*, habitat, III, 67, 68.
- Holland Land Company, purchases Seneca lands, VIII, 55, 184; grant to Tuscarora, XIX, 150, XXIV, 175; in Batavia (N. Y.), VIII, 42; surveys Lewiston (N. Y.), 158.
- Hollidaysburg (Pa.), Indian village near, I, 22.
- Holly, —, physician, IV, 73, 74.
- Holly, Horace, president of Transylvania University, XIX, 101.
- Holly, in Arkansas, XIII, 115; Mississippi, IV, 351; *ilex cassine*, XVII, 51; *opaca*, XIII, 90, 141, XVII, 50.
- Hollyhocks, cultivated, XXII, 73.
- Holmes, —, lumberman, IV, 283.
- Holmes, Maj. Arthur Hunter, in War of 1812-15, VI, 393, 396; captures Sault Ste. Marie, II, 79, VI, 392, 394; killed at Mackinac, II, 79; sketch, VI, 393.
- Holmes, Oliver Wendell, "*Old Ironsides*," VI, 197.
- Holmes, Lieut. Robert, in Fort Miami, I, 123, 312; Detroit, 114; murdered, 312.

- Holmes, W. H., *Aboriginal Pottery*, XXIII, 279; *Pottery of Ancient Pueblos*, XX, 65.
- Holsters, as pillow, XV, 194.
- Holston (Ky.), emigrant station, III, 225.
- Holston settlements (Tenn.), situation, III, 280, 282; size, 280; soils compared with Kentucky, 276, 280; boundary, 45, 272; Logan in, 40; A. Michaux, 46, 51; sketch, 281. See also Rivers: Holston.
- Holt County (Mo.), boundary, V, 37, XIV, 217.
- Holton, Samuel, committee-man on Indian claims, II, 210.
- Holworthy, —, celebrity of, XXVI, 309.
- Hómach-Ksächkum (great earth), Kutenai Indian, XXIII, 143, 144, 154, 155, XXIV, 232, 233.
- Homachseh-Kakatohs (great star), portrait, XXIII, 155.
- Homer (N. Y.), turnpike in, VIII, 56.
- "Homer," in Charleston, XI, 71.
- Hominy, as food, XI, 75, XV, 204. See also Corn.
- Hone-slate, on Washita River, XIII, 211; observed by Nuttall, 225.
- Honey, in New York, VIII, 181; how collected, XII, 13, XIII, 259, XVII, 14; plentiful, VIII, 193, X, 349, XIV, 216, XVI, 168, 185, XXIV, 109; quality, XIX, 328; use among Indians, XXIX, 385; as sweetening, XII, 249, XXI, 203, XXIV, 76; as remedy, XII, 273, 274; bears feed upon, XIII, 210; article of food, X, 199, XIII, 209, 268, XIV, 181, XVI, 284, XXVI, 323, 348; article of trade, IX, 311, XIII, 86; prices, X, 106, 349; discovered by Long's party, XVI, 163.
- Honey-dew, described by Nuttall, XIII, 230, 244.
- Honeysuckles, habitat, XXVIII, 205, 216; cultivated, XXII, 58; when budded, XIX, 75; trumpet, XXII, 186; observed by Bullock, 139; Faux, XI, 137; Flags, XXVI, 286; Woods, X, 185.
- Hongashano Indians, Omaha tribe, XV, 115-117.
- Honolulu, harbor, VI, 215; fort, 214; Farnham in, XXIX, 23; Lee, 21, 138. See also Hawaii.
- Honoré, —, in Danville (Ky.), III, 18, 39.
- Hood, Andrew, on Cascade Mountains, XXX, 150.
- Hood, Samuel, first viscount, mountain named for, VI, 248.
- Hook, Theodore, novels of, XXVI, 32.
- Hooker, —, Niagara guide, XXIV, 165.
- Hooker, Maj. —, hunter, XI, 228, 237, 286, 294, 299, 304.
- Hooker, Sir William Jackson, scientist, XXI, 230, XXII, 31.
- Hooks, article of trade, XXX, 94.
- Hooper, Maj. —, in Hamilton (N. Y.), XI, 158.
- Hoosick (N. Y.), Evans in, VIII, 176.
- "Hoosier," steamer, XXX, 167.
- Hope, Gen. Henry, II, 13, 220; aids Long, 216.
- Hope Distillery Company, incorporated, XIX, 40.
- Hopefield (Ark.), originally Fort Esperanza, IV, 293.
- Hopewell (Ky.), incorporated, III, 37.
- Hopi (Moki, Moqui) Indians, described, XVIII, 130, 131, XX, 56; language, 56; architecture, 63, 69; manufactures, 64, 71; fugitives from, XIX, 264.

- Hopkinton (N. H.), Evans in, VIII, 102; Long, XIV, 10.
- Hopper, —, Mississippi planter, IV, 313, 314.
- Hops, habitat, X, 302; culture of, 57, 354, XII, 155, XVII, 143; abundant, V, 312, VIII, 268, XXVIII, 155; yeast made of, XI, 243; two species, XXVIII, 205; *humulus lupulus*, V, 68, XV, 294.
- Hopwood, John, founds Woodstock (Pa.), X, 214.
- Hopwood, Moses, names Monroe (Pa.), X, 214.
- Hoquelget division (B. C.), Indians in, XXIX, 253.
- Horbach, —, tavern-keeper, III, 153.
- Hordeum jubatum*, observed by Bradbury, V, 317; James, XV, 200.
- Horehound, observed by Woods, X, 303.
- Horn-beam trees (*ostrea virginica*), habitat, XVII, 116; size, XV, 177; abundant, XXIV, 169; bows made of, XIV, 241, XV, 77; observed by Maximilian, XXII, 110; A. Michaux, III, 83.
- Hornblende, described, XVI, 22, 86, XVII, 192, 207, XXVI, 252; implements of, XIV, 77; observed by James, XV, 291, XVI, 15, 22; Maximilian, XXII, 75; Wilkes, XXIX, 86.
- Hornbrook, Saunders, English emigrant, XI, 232, 240, 300; founds settlement, X, 321, XI, 295.
- "Hornet," commanded by Lawrence, VIII, 241.
- Hornets, numerous, IX, 301.
- Horn-fish, habitat, XXII, 170.
- Horns, exported, XVIII, 364; uses, 78, XXII, 120, XXIX, 223.
- Hornstone, described, XVII, 201; in limestone, XIV, 212, XVII, 222, XXVI, 51, XXVII, 111; nodules, XXVI, 50; implements of, V, 174, XIII, 102, XXVI, 147; varieties, XIII, 241, 243, XVII, 44; observed by James, 44; Maximilian, XXII, 90; Nuttall, XIII, 82, 85, 143.
- Horoge (Fish Eaters) Indians. See Winnebago.
- Horse-chestnuts (*æsculus pavia* and *flava*), blossoms, III, 270, V, 280; buck-eye described, XIV, 67.
- "Horse-guard" (insect), destroys prairie-flies, XXVI, 354.
- Horse-head (Mechahpa), medicine man, XV, 37, 40.
- Horse-mint (*cacalia atriplicifolia*), habitat, XIV, 156.
- Horse-radish, cultivated, X, 306.
- Horse-rakes, described by Flint, IX, 41, 42.
- Horses, I, 123, 124, III, 36, IV, 62, X, 241; indigenous, XXVII, 180; wild, III, 245, V, 233, XIII, 142, 216, XV, 260, XVI, 56, 64, 75, 83, 96, 99, 130, 146, 147, 149, 150, 153, 158, XVII, 145, 214, XVIII, 52, 53, 56, 64, 149, 226, 306, 375, XIX, 313, XXI, 69, 87, 117, 283, XXVII, 45, 131, 360, XXVIII, 150, 336, 339; tendency to revert, V, 268; methods of catching, III, 245, XIV, 291, XVI, 119, 147, 273, XVIII, 47, 48, XIX, 183; tamed, XV, 78, XVIII, 150; size, XX, 93; characteristics, V, 148, VIII, 329, XVI, 131, 215, XXI, 85, 86, XXVIII, 279, 351, XXIX, 200; endurance, XXX, 256, 290; make paths, XXII, 189; frequent salt-licks, X, 294, XIV, 112; love salt, XXII, 195; sugar, 192; fear bears, XXI, 204; bison, XV, 250, XVIII, 56, 335; snakes, XVI, 222, XXI, 186; storms, VIII, 50, XVIII, 92, XXI, 142, XXVIII, 67, 83; frightened, XV, 259, XVI, 195, XVII, 39, 40; stampeded, XIX, 16, 214, XX, 228, 230, XXI, 151, 152, 159, XXX, 35; breeding, III, 243, 280, XX, 55, XXII, 88, 158, XXIV, 140, 141, 162, XXVIII, 343, 359; act for, III, 243; quality, 300, IX, 31, 162, 235, 326, X, 36, 315, XI, 212, 226, XII, 95, 165, 181, 297, XIII, 114, XVI, 272, XXII, 180, XXVIII, 173, 329; compared with English, X, 192; castrated, XII, 181; branded, V, 176, XV, 207, XIX, 320, 321, XX, 76, 346; decorated, XIV, 271, XV,

86, XVIII, 50, 56, XIX, 340-342, XXIII, 125, XXIV, 52; numerous, V, 260, VI, 260, 323, VII, 137, 138, XVIII, 226, 240, 241, XXII, 151, XXIII, 71, XXVIII, 316; scarce, III, 38, X, 186, XXVI, 143; care of, VIII, 54-56, XV, 228 (see also Hostlers, and Transportation: teamsters); at large, III, 154, XII, 327, XV, 217; herded, 171, XVIII, 228; staked, XVI, 96, XIX, 212, XX, 90, XXI, 142, 143; bells on, X, 285, XXII, 194; guarded, XXIII, 205, XXVIII, 164, 215; tavern-accommodations, III, 42, 214, VIII, 50, XII, 22, 231, 249, 272, XXI, 36, XXII, 94; pens, XVI, 53, XVIII, 160; stables, III, 244, X, 201, 280, XII, 196, 225, 245, 249, XXIII, 94, XXIV, 39; fodder, III, 86, 89, 244, V, 175, 260, X, 50, 62, 63, 292, 293, 298, XI, 205, 219, XV, 273, XVI, 26, 176, XVIII, 96, 140, 188, XX, 335, XXI, 102, 235, XXII, 183, 239, 312, 352, XXIII, 94, 166, 245, 272, XXVII, 157, 257, XXX, 289; pasturage, XIV, 140, 220, XV, 249, XVI, 31, 59, 70, 73, 153, XVII, 18, 214, XIX, 299, XXI, 282, XXII, 356, XXIV, 65, 71, 91, XXVII, 349, XXVIII, 180, 183, 188, 234, 248, 352, XXX, 127, 142, 150-152; hardships, IX, 234, 243, XII, 21, XIII, 273, XVIII, 97, 106, 138, 359, XXI, 188, 232, 233, 269, 270, 275, 276, XXII, 184, XXIII, 162, 230, 231, XXIV, 54, XXVII, 243, 252, XXVIII, 194, 195, 214, 217, 233, 245, 249, 281, 300, 325-327, XXIX, 39, 184, 194; exhausted, I, 228, V, 152, 153, XV, 309, XVI, 83, 84, 151, 161, 176, 224, 230, 246, 256-258, 260, XVII, 100, XVIII, 91, XXI, 199, 232, 268, XXVII, 248, 400; attacked by wild beasts, XVIII, 61, 156, XX, 271; crippled, XVI, 87, XXVIII, 315; insects among, V, 155, 156, XII, 14, XIII, 226, 264, XIV, 131, 183, XVI, 155, 222, XXI, 173, 174, XXVIII, 187, 188, XXX, 256; diseases, X, 286, XII, 20, 273, 274, XXIII, 166, 360; killed by hardships, XIV, 141, XIX, 327, XXIII, 238, XXIV, 45, XXVI, 354, XXX, 151; uses: hunting, V, 135, VIII, 193, XI, 200, XIV, 299, 300, XXI, 266, XXIII, 192; beasts of burden, XXI, 27, XXII, 133, 309, XXIII, 104, XXIV, 15, 50, 51, 71, 111, 112, XXVII, 58, XXVIII, 11, XXIX, 183, 287, XXX, 12; towing boats, IV, 264, XXI, 125, XXIV, 124, 146, 157, 177, 180; threshing, XI, 116, XXX, 188; turning mills, III, 169, 201, X, 271, XIV, 135, XXVIII, 148; as food, I, 322, V, 233, 234, VI, 270, 283, 337, 338, 343, 347, 361, VII, 193, XIII, 361, XVI, 96, 99, 102, 255, XVIII, 90, 91, 135, 155, 183, 306, XXI, 235, 250, 252, XXII, 391, XXIII, 277, XXIV, 46, XXVIII, 241, 336, XXX, 112, 178, 240; as stock, XI, 300, XVIII, 344, XIX, 59, XX, 71, 303, XXVIII, 174, XXIX, 22, 27; as equipment, IX, 233, 252, XIV, 199, XV, 133, 166, 178, 191, 203, 221, XVI, 63, XVII, 12, 98, XVIII, 108, XIX, 260, XXI, 67, XXII, 379, XXVI, 231, XXIX, 273, XXX, 141, 149; presents, VII, 148, 154, 284, XIII, 247, XIV, 200, XV, 16, 24, 95, 102, 104, 106, 125-127, 129, 148, 156, 163, XVI, 200, 242, 261, XVII, 166, XVIII, 86, 110, 139, 175, 176, XXII, 392, XXIII, 22, 68, 125, 126, 152, 161, 280, 320, 321, 323, 353, 362, XXIV, 40, XXVII, 251, 273; in courtship, XX, 338, XXVIII, 254, 255; as reward, VII, 143; restitution, XVIII, 67, 69, 71, XXIX, 362; war-booty, XIV, 287, XV, 87, 90, 160, 163, XVI, 233, XVIII, 43, 47, XXIII, 352, XXVII, 164, XXIX, 359; abandoned, V, 230, VII, 182, 183, XIX, 190; bartered, V, 137, 170, VI, 60, 132, VII, 216, 227, XVIII, 210, XXIII, 229, XXIV, 104, XXVII, 180, XXVIII, 262, 308, 316, 341, XXIX, 284, 326, XXX, 30, 31, 234, 235; borrowed, VI, 370, XXIII, 200, XXIV, 35, XXVIII, 307; concealed, VIII, 43, XXX, 241; ferried, 227; hired, III, 195, XXX, 149; imported, III, 243; impressed, VIII, 47; lost, I, 190, 191, 225, 279, 286, 289, III, 54, V, 82, VII, 204, XIII, 13, 218, 226, XIV, 130-132, XV, 202, XVI, 98, 213, 250, 251, 258, XVIII, 93, 333, XXVIII, 55, XXX, 94, 118, 243, 247, 250; recruited, XXI, 195, 201, 202; shot, XVI, 242; stolen, I, 165, 241, III, 261, V, 128, 131, 226, VI, 118, 123, VII, 215, 224, IX, 167, X, 46, XIII, 190, 214, 222, 223, 239, 240, 247, XIV, 200, 203, 205, 234, 269, 273, 276, 277, 285, 315, XV, 79, 90, 94, 157, 158, 238, 351, XVI, 113, 114, 220, 263, XVII, 96, 101, XVIII, 14, 102, 103, 109, 113, 144, 155, 173, 189, 190, 193, 199, 347, XIX, 173, 183, 184, 225, XX, 84-86, 347, XXI, 58, 267, 348, XXII, 310, 327, 391, XXIII, 96, 131, 134, 139, 204, XXIV, 45, 47, 54, 63, 65, 103, XXVII, 180, 286, 350, XXVIII, 140, 166, 170, 237, 262, 269, XXIX, 236, 237, 242, 329, 361, XXX, 96, 137, 229; owned by planters, VIII, 280, XIX, 42; mechanics, IX, 150; Indians, I, 23, 185, 304, IV, 90, VIII, 66, XV, 78, 144, 222, XVI, 113, 119, 235, 272, XVIII, 80, 133, XIX, 141, XXIII, 14, 17, 71, 76,



## HORSES (continued) —

87, 95, 145, 370, 387, XXIV, 234, XXVI, 261, XXVII, 173, 180, 247, XXVIII, 119, 122, 126, 131, 136, 138, 150, 190, 261, 266, 348, XXIX, 220, 224, 408, XXX, 98, 105, 238; sign of wealth, V, 176, VII, 278, XVII, 169, XX, 335, XXII, 306, 327, 352, XXIII, 121, XXVIII, 341, XXIX, 185, XXX, 174, 238; sacrificed to dead, VII, 303, XX, 351, XXIII, 121, 372, 394, XXVII, 165, XXVIII, 319; as propitiation, XV, 58, XXIII, 110, 117; in Hawaii, VI, 221; Illinois, IV, 275; Indian Territory, III, 263; Indiana, XI, 250; Kentucky, IV, 188, 352; Mississippi, 352; Missouri, 291; Pennsylvania, VIII, 57; West Florida, IV, 338; Braddock's, I, 295, 311; on steamers, X, 180; at missions, XVIII, 227; in frontier forts, VI, 370, 383, XXII, 314, 318, 377, XXIII, 94, 95, 189, XXIV, 17, 23, 48, 91; with emigrants, XIV, 59, XVII, 33, XXI, 147, XXX, 249; night camps, XVIII, 39, 40, 187, XXII, 351, XXIII, 123, XXIV, 103, XXVIII, 59, 61, 162, 183, 211, XXX, 257; article of trade, III, 244, V, 114, 128, VII, 129, 150, VIII, 269, IX, 74, 86, 98, X, 253, XI, 143, XII, 182, XIV, 209, 277, XV, 54, 209, 282, XVI, 87, 106, 110, 207, XVII, 157, 169, XVIII, 350, XX, 137, XXIII, 235, 292, 350, 371, XXVIII, 317, XXX, 70, 108, 116, 222, 232; prices, III, 245, V, 232, 316, VI, 116, VII, 148, 219, 220, IX, 139, X, 47, 61, 81, 265, 281, XI, 93, 171, 241, 304, XII, 13, 14, 120, 195, 238, 276, XXIII, 114, XV, 163, XVI, 217, XVIII, 44, 288, XX, 93, XXI, 136, XXII, 326, XXIII, 107, 119, 262, 289, 297, 322, XXIV, 19, XXVIII, 182, 316, XXX, 74, 87, 98, 219, 235, 258, 262 (see also Prices: Animals); cost of raising, 292; of transporting, XXII, 203; market, X, 192; purchased, I, 143, 309, V, 138, 227-229, 231, VI, 268, 284, 337, 345, VII, 198, 208, 221, VIII, 51, XV, 163, XVIII, 43, 110, 151; speculation in, IV, 135; tax on, IX, 231, XII, 297, XXII, 181; Arabian, XX, 260; Mexican, XIX, 219, 313, XX, 92, 170; Maroon, XXVII, 180; Spanish, V, 225, VI, 341, X, 281, XIII, 337, XVII, 71; Yankee, IX, 299; draught, III, 243, 244; pack, I, 242, VI, 340, 356, VII, 204, 212, VIII, 74, XIV, 157, 172, 209, 228, XVI, 58, 60, 178, 209, 253, XVIII, 37, 42, 335, 336, XXI, 150, XXIII, 196, XXVIII, 45; amount carried, XXI, 137, XXX, 289; racing, 208; jockeys, XI, 201; hides used, V, 232, VI, 270, XVI, 57, XXVII, 372; hair, VI, 120, XXII, 322, 360, 389, XXIII, 16, 17, 22, 101, 260, 264, 294, 354, 391, XXIV, 36, 45, 47, XXIX, 353; tails, 391; teeth, XXIII, 100; harness, XI, 241, XVI, 258, 259, XXX, 259, 262; shoes, XVIII, 73, 109, 137, XXVI, 216, XXX, 34, 57; saddles, XV, 72, 78, XVI, 57, XVIII, 74, XXIII, 36, 345; stirrups, XIX, 341. See also Asses, Donkeys, Mules, and Mustangs.

Horseshoe Bend, described, IX, 319, 320.

Horton, —, Florida planter, IV, 337.

Hosack, Dr. —, botanist, III, 126.

Hospitals. See Diseases and Remedies.

Hostlers, scarcity of, IX, 312; uncivil, XII, 178. See also Horses: care of.

Ho-Ta-Ma, Ponca Indian, XXII, 327.

Hotels. See Taverns.

Hotokaneheh (head of buffalo), portrait, XXIII, 134; speech, 149.

Hot Springs (Ark.), described, XIII, 147, XVI, 12, 13, 138, XVII, 42, 45-51, 228, 235; discovered, 45; geological data, 44, 90, 104, 222, 223, 227, 229, 242; boundary, 56; roads, 54, 55, 83, 147, 157, 218; scientific observations, 44, 46, 47, 83; vegetation, 84; settlements, 43, 48, 55; health resort, XIII, 158, XIX, 252; Dunbar and Hunter at, XIII, 12; Long, XVII, 42, 217; Nuttall, XIII, 282, 283; Palmer, XXX, 28, 62; James and Swift, XIV, 17, XVI, 11, 12, XVII, 12, 43; on Washita River, 53.

Hot-springs (Ind.), XIV, 73.

Hot Springs (Upper Columbia Lake), sketch, XXIX, 208.

Hough, Franklin B., *Rogers's Journals*, I, 101.



- Houma (Ouma) Indians, on Houma Point, XIII, 312, 357; La Salle among, II, 77.
- Hounds. See Dogs.
- Housatonic Indians, sketch, VIII, 127.
- Houston, Gen. Felix, defeats Comanche, XX, 349.
- Houston, Samuel, adopted by Jolly, XIII, 182; at Webber's Falls, 233; wife, 190.
- Houstonia*, on Meramec River, XIV, 107; *cerulea*, 61; *longiflora*, XXIX, 424; *serpyllifolia*, XIII, 105, 110.
- Howard, Miss —, in Blue Licks (Ky.), IV, 174.
- Howard, Gen. Benjamin, in St. Louis, V, 253; fort erected by, XXVI, 133; fort named for, VIII, 232, XVIII, 32, XXVI, 138; sketch, 134.
- Howard, John, philanthropist, IX, 202, XI, 158, XII, 55.
- Howard & Forster, meteorological nomenclature, XVII, 263.
- Howard County (Mo.), river, V, 51; seat, XIV, 149; Franklin in, XIX, 188.
- Howardtown (Pa.), Maximilian in, XXII, 126.
- Howe, Richard, first Earl, in Revolution, IX, 36, X, 27, XXI, 63.
- Howe, Dr. Samuel G., friend of blind, XXVIII, 14.
- Howe, Gen. Sir William, in Revolution, IV, 29, IX, 52.
- Howell, —, tavern-keeper, II, 213.
- Howell, David, committee on Indian claims, II, 210.
- Howell County (Mo.), Eleven Point River in, XVII, 35.
- Howland, Henry R., *Robert Hamilton*, XIX, 148; *Seneca Mission*, XXIV, 163.
- Hoy, Andrew, provost of Kaskaskia, XXVII, 79-81.
- Hoytelpo, Pend d'Oreille Indian, XXVII, 336, 337.
- Hubardeau, John Baptist, seized for debt, XXVII, 79, 80.
- Hubbard, —, farmer, IV, 307.
- Hubbard, —, gunsmith, in Fort William, XXI, 323; lost, 269; quarrel with Thornburg, 324.
- Hubbard (Hibband), —, planter, V, 52.
- Hubbard, Thomas J., blacksmith, XXIX, 19.
- Hubbard County (Minn.), river in, XXVIII, 152.
- Hubbough, John, murdered, VI, 344.
- Huckleberries (whortleberries), habitat, VI, 321, XXVIII, 325; abundant, X, 205, XXVIII, 155, XXIX, 51, XXX, 132, 136; Indian food, II, 82, 189; article of trade, X, 192; observed by Woods, 198.
- Huddy, Capt. Joseph, captured by British, XII, 71.
- Hudson (N. Y.), river port, XXIV, 190.
- Hudson's Bay Company, history, XXIX, 52-54; charter, II, 169; described, XXII, 233, 234, XXX, 9; districts, II, 120, 168, VII, 35, 194, 199, XXVII, 307, XXIX, 250; control Oregon, 24, 51; monopoly, XXVIII, 10, 15, 306, 307, 321, XXIX, 27, 94, XXX, 218; rivalry with French, II, 12, 200; with other companies, 10, 14, 16, 87, 169, VI, 282, 295, 376, 381, VII, 270, XXIII, 159, 204; merged with North West, II, 16, V, 37, VI, 254, 313, 346, VII, 10, XXI, 45, XXIX, 37, 57, 118, 132; methods, II, 152, 165, 169, 170; criticized, 165-170, XXIX, 23; number of peltries, XXII, 380, XXVIII, 308; prices, XXX, 297; profits, XXIX, 55,

## HUDSON'S BAY COMPANY (continued)—

- 56, 60; brigades, XXI, 344, XXVII, 320, 330, 369, XXIX, 133, 262, 263, 281; rendezvous, XXI, 352; vessels, 314, XXVII, 374, 388, XXVIII, 13, XXIX, 26, 59, 60, 118, 134, 183, 279, 284; surveys, 24, 28, 29; express, XXVIII, 374, XXIX, 171, 261; attitude toward liquor traffic, XXVII, 261, 262, XXIX, 100; relations with Indians, II, 99-108, 119, 152, 163, 168, VI, 371, XXIII, 96, 162, XXVIII, 341, XXX, 229; language, II, 30, XXIX, 229; directors, 53, 54, 65; governor of, II, 170, XXIX, 58, XXX, 200, 209; officials, VI, 280, 282, XXI, 201, XXVIII, 360, XXIX, 99, 131, 193, XXX, 18, 124, 169; factors, VI, 380, XXI, 9, 296, XXVII, 235, 347, 377, XXVIII, 113, XXIX, 77, 193, XXX, 10; traders, II, 16, 131, 132, 163-165; employees, VI, 251, 253, 274, 304, 346, 358, 375, 401, XXI, 63, 301, 309, 352, 354, 361, XXIII, 135, XXVIII, 309, XXIX, 17, 199, 278, 284, XXX, 180, 210, 213; chaplain, XXIX, 118; clerks, VII, 231, XXVII, 301, XXVIII, 320, 346, XXIX, 63, 256, XXX, 179; physicians, XXI, 341; trappers, XXVII, 340, XXVIII, 307, XXX, 178; servants, XXVII, 386, XXIX, 20, 91, XXX, 208; Iroquois, XXVII, 230, XXVIII, 179; individual employees, VII, 248, XXI, 15, 280, XXIII, 23, 189, XXVIII, 302; courtesy of, II, 167, 168, XXVII, 235, XXVIII, 346; hospitality, XXI, 14, XXIX, 100, 101, XXX, 13; Indian name for, XXVIII, 360; posts of, II, 87, 163, 168, 169, VI, 370, VII, 214, XIX, 237, XXI, 74, 295, 341, 344, XXII, 35, 388, XXIII, 135, XXVII, 323, 330, 357, 360, 376, 385, XXVIII, 9, 12, 16, 57, 59, 323, XXIX, 15, 24, 39, 41, 53, 67, 77, 85, 90, 120, 132, 147, 182, 234, 245, 248, 276, 277, XXX, 86, 98, 191; purchased, VI, 260, XXI, 12, 210; in Canadian Northwest, VI, 357, 365, 370, 371, 374-377, 384, 392; in Oregon, 295, XXI, 11, 278, XXVIII, 380, XXIX, 70, 126, XXX, 199, 201, 207; farm, XXI, 319, XXIX, 14, 129; mills, XXVIII, 379, XXX, 159, 225; schools, 231; relations with settlers, XXIII, 127, XXVII, 386, XXIX, 60, 61, 91, 123, XXX, 11, 201, 210, 211, 216, 217; with provisional government, 306; missionaries, XXIX, 171, 183, 231, 235, 267, 274; land cessions, VI, 379, VII, 11, XXIX, 77; settlements in Oregon, 95; expedition to Vancouver, 147, 148.
- Huerfano County (Colo.), boundary, XVI, 52.
- Huet, Charles, missionary, XXVII, 193, 194, 274.
- Huger, Dr. Benjamin, in Columbia (S. C.), XI, 90.
- Huggins, Edward, aid acknowledged, XXX, 18.
- Hughes, Barnabas, tavern-keeper, IV, 34.
- Hughes, J. F., publisher, III, 109.
- Hughes, J. T., *Doniphan's Expedition*, XIX, 177, 204, 207, XXVIII, 107.
- Hughes, Bishop John, letter from De Smet, XXIX, 109, 173.
- Hughes County (S. Dak.), fort in, V, 184.
- Hugron, —, search for Bodmer, XXIII, 211.
- Hugue, Noel, murderer, IV, 70.
- Huguenots, in London, XIX, 165; Massachusetts, XIV, 41; New Rochelle (N. Y.), XV, 166; Philadelphia, XII, 108.
- Huh-Jiob (wounded foot), in Fort Union, XXIII, 201.
- Hulbert, Archer Butler, aid acknowledged, VIII, 13, IX, 13, X, 15, XI, 16; *Cumberland Road*, XXVI, 278; *Historic Highways*, III, 45, 328, VIII, 310, XXVI, 278; *Indian Thoroughfares*, I, 125, VIII, 264; *Old Glade Road*, I, 22, 242; *Red-Men's Roads*, XXIV, 157.
- Hulip, Indian village, XXIX, 278.
- Hull, —, farmer, IV, 57.
- Hull, Capt. Isaac, commands "Constitution," VI, 197.

- Hull, Gen. William, in Detroit, VIII, 217, X, 237; surrenders Detroit, VIII, 223; cowardice of, 226; in invasion of Canada, XVIII, 368; in War of 1812-15, I, 56, IV, 215, VIII, 45.
- Hull (Quebec), Kettle Falls at, VI, 398.
- Hulme, Thomas, cost of journey, X, 83; horse, 47, 81; in Philadelphia, 35, 82; Pittsburg, 36-38; on Alleghanies, 35, 36; in Virginia, 76; on Ohio River, 38-46; in Ohio, 69-76; New Harmony, 53-61; Indiana, 51-64; Kentucky, 64-69; Illinois, 11, 12, 48-51; autobiography, 23-33; portrayed by Cobbett, 19, 21, 22; *Journal*, 17-84, 245, 251, XI, 57, 191, 197, 201, 225, 249, 254, 257, XII, 12, 208, 227, 254, 255, 267, XIX, 42, 44, XXII, 140, 159, 161, XXIV, 135, 141, 142, XXVI, 66, 67.
- Humafia, Juan de, kills Bonilla, XIX, 260.
- Humboldt, Baron Alexander von, botanist, XIV, 154; plant noticed by, XVI, 93; growth of trees, XIV, 69; remarks on ants, 304; estimate of snow line on Rockies, XVII, 180; sandstone observed by, 206; Rio del Norte described, XIX, 279; Rio Raijo mentioned, XVII, 79; Mexico described by, XVIII, 345; population of New Mexico noted, XIX, 287; Indians described by, XV, 68; interest in mounds, XXIV, 128; Indian affinities discussed, XXII, 218-221; commends Brackenridge, VI, 11; author, XIII, 121; literary style, XVIII, 348; errors of, XVII, 80, XIX, 280, 286; quoted, XV, 41, 69, XX, 71, XXIII, 258; *Journals*, XVIII, 345; *Monumens de l'Amerique*, XIII, 340, 345, 346; *New Spain*, XV, 257, XVII, 237, XXII, 218; *Personal Narrative*, XIV, 57, 69, 218, XV, 264, 268, 311, XVI, 155, 177, XVII, 210, 228; *Voyage aux Régions du nouveau Continent*, XIV, 155, XXII, 174; sketch, XVIII, 345.
- Hume, David, reformer, X, 158, 160.
- Humeau, —, in French Revolution, III, 27.
- Humming-birds (*trochilus colubris*), habitat, XXIII, 250; abundant, XXII, 78, 80, 82, 83, XXIV, 124; scarcity, X, 292; in Illinois, 291; observed by Bullock, XIX, 139; De Smet, XXVII, 258; Faux, XI, 137; Long, XV, 322, 327; Woods, X, 208.
- Humphrey, Lieut. Enoch, explores Red River, XVII, 66.
- Humphreys, Henry Noel, naturalist, XIV, 119.
- Humphreys, Robert, founds Alexandria (Pa.), III, 348.
- Hunguh Indians, Omaha band, XV, 117.
- Hunkpapa Indians, Teton band, XXII, 326.
- Hunt, —, Charleston lawyer, XI, 98.
- Hunt, —, English emigrant, XI, 257.
- Hunt, —, Pittsburg clergyman, IV, 84.
- Hunt, Abijah, Mississippi settler, IV, 325.
- Hunt, Henry, English reformer, X, 28, XI, 29, 257.
- Hunt, Henry, Oregon pioneer, XXX, 204.
- Hunt, Samuel, New England pioneer, IV, 156, 158.
- Hunt, William, in Illinois, X, 163, 164.
- Hunt, Wilson P., Astorian partner, V, 36, 37, VI, 27, 189, VII, 39, 40, 172, 173; instructions to, 237; plan, 243; recruiting, V, 37, VI, 187, VII, 41, 174, 181; number in party, VI, 104, VII, 105; up the Missouri, V, 37-117, VI, 10, 32, 44, 53, 64, 66, 70, 83, 85, 86, 268, 284, VII, 182; at Fort Osage, V, 60-66; joined by Crooks, 67, VI, 71; among Omaha, V, 89; hunters join, 93, 98; among Sioux, 103-111, VI, 45, 98; overtaken by Lisa, 10, 99; among Arikara, V, 113-132, 228, VI, 116, 142, 268; purchases horses, V, 131, 132, 137, 168, 179, 228, VI, 116, 132; overland to the

## HUNT (continued)—

Pacific, V, 228-234, VI, 152, 191, 268-272, 343, VII, 182-185, 188, 189, 214, 215, 231, XV, 237, 238, 246; in Astoria, V, 234, VI, 271, 272, VII, 185; sails on "Beaver," VI, 277, 278, 285-287, VII, 195, 233-235; at Hawaii, VI, 286, 316, VII, 235, 253, 261; charters "Albatross," VI, 285, 287, VII, 236, 250; "Pedlar," VI, 315, 406, 407, VII, 186, 262; opinions on Astoria sale, VI, 270, 288, VII, 42, 243; equips trappers, 215, 223; supplies and equipment, V, 38, 49, 50, 58, 67, 70, 99, 100, 105, 134, 135, 140, 142, 171, 180, 228, 229, 231; hardships and accidents, 38-41, 49, 52, 75, 97, 121, 127, 180, 231, 234.

Hunter, Dr. George, expedition to Arkansas, XIII, 12, 283, XIV, 23; *Journal*, VI, 155. See Hunter & Dunbar.

Hunter, John Dunn, Cherokee plenipotentiary, XVIII, 368, 369.

Hunter, Robert, governor of New York, II, 68.

Hunter, William, printer, IV, 193, 195, 200.

Hunter & Dunbar, XVII, 42; scientific observations, XIII, 283, XVII, 44, 45, 84; at Hot Springs, 45, 90, 228; Little Missouri Creek, 53.

Hunters, I, 287, 311, 319, VI, 27, 28, 89, 152, IX, 116, 121, 301, XI, 237, XXII, 378; French settlers, XIII, 140, 194, XXVII, 36, 43, 48, 59; frontiersmen, III, 174, 190, 193, 194, 289, 358, IV, 131, 137, 145, 154, 299, VI, 38, 45, VIII, 52, 64, IX, 71, X, 127, 231, 249, 259, 267, 318, 340, 341, XI, 125, 187, 200, 203, 237, 246, 252, 261, 297, XIII, 69, 89, 109, XIV, 166, XVII, 32, XIX, 59, XX, 104, 267-269; as an amusement, III, 358, X, 249, 289, 318, 340, 341, XI, 84, 86, 208, 210, XII, 171, 332, XXI, 133, XXII, 133, XXVI, 351; methods, XI, 86, 210, 224, 237, XIII, 55, XV, 227, XXVI, 366; dogs, XI, 125; decoys, XIII, 210, XIV, 167; with buffalo, V, 148, XX, 267, 271, XXIV, 91; fascinations of life, V, 197, VI, 152; hardships, 62, VIII, 132, 179, 195, XVIII, 282, XXI, 155, 169-171, XXIII, 68, XXVIII, 235, 290; characteristics, V, 47, VI, 47, XI, 229, 259, 260, 273, XIII, 69, 161, 221, 223, XIV, 174, XIX, 57, 208, 238, XXII, 379, XXIII, 41, 172, XXVI, 279, XXVII, 55; food, V, 154, XIII, 128, XX, 264, 276; cooking, XV, 240; dress, XXI, 176, XXII, 378, XXIV, 70; weapons, I, 160, IV, 46, 154, XIV, 212; fire plains, III, 327, XV, 107, XXII, 99; anecdotes of, XII, 211, XXVI, 245, 246; discover silver, V, 244; Mammoth Cave, IX, 281; ascend Pike's Peak, XVI, 14, 36; furnish information, V, 239, 243, XIV, 24, XVI, 33-35; geographical, XIII, 218, XVI, 92, XVII, 52, XX, 238-240; botanical, V, 124, 125, 170, XIII, 234, XV, 219; animal life, V, 186, XV, 236, 256, XVI, 160, XX, 260; nomenclature, XIII, 174, 198, 209, XVI, 136; opinions, XIII, 138; with Astorians, V, 180, 181, 225, VI, 104, VII, 41, 180, 239; Bradbury, V, 137; Clark, XIII, 134; De Smet, XXVII, 191; Long, XV, 190, XVI, 172; Nuttall, XIII, 232; Pattie, XVIII, 86, 91; Post, I, 230, 248; Wyeth, XXI, 138; rendezvous, XXVII, 227; in Arkansas, XIII, 197, 286, XVII, 55; at Big Bone Lick, I, 135; in Canada, VIII, 165; Illinois, XXVI, 133, XXVIII, 61, 118; Mexico, XVIII, 376; Mississippi, IV, 353; on Mississippi River, 290, XIII, 83, 96; in Missouri, VII, 179, XXIV, 117; on Missouri River, V, 37, 93, VI, 56, 62, 116, XVII, 177, XVIII, 34, XXIV, 101; Rocky Mountains, V, 98, VII, 131, XV, 292, XVI, 58, XXI, 197; Platte River, VI, 101; Tableau, XIV, 165; Wabash, I, 142; Willamette, VI, 313, VII, 231; in frontier forts, V, 165, VI, 343, XXIII, 208, XXIX, 41; as guides, XIII, 13; prices paid, XIV, 94; relations with Indians, V, 225, 228, XIII, 133, 249, 251, XIV, 225, XX, 83, 84, XXI, 215, XXIII, 96, XXIV, 81; settlement of, XIII, 111. See also Frontiersmen.

Hunters of Kentucky, XVIII, 17.

Hunter's Hill (Tenn.), Jackson's home, III, 61.

Hunter's Lodge, Astorians at, VI, 36-4; hunting, 37, 51-54, 57, 59, 70, 75, 93, 109, 123, 124,



- 135; encampments, 72, 73, 80, 95; caches, VII, 194, 214; relations with Bradbury, V, 66, 137, 138, 182, 183, 199; with Lisa, 96, 97, 106, 107, 111, 113, 119, 120, 122, 128, 132, 137, VI, 61, 90, 120, 146; letter to Crooks, V, 86; meets Porter, VII, 250, 251; characteristics, V, 55, 75, 94, 101, VI, 94, 293, VII, 89, 264; sketch, V, 36.
- Huntingdon (Pa.), location, XXII, 134; "Standing Stone" near, I, 22; sketch, XXII, 134.
- Huntington, J. V., translates Franchère's journal, VI, 16; annotations, 174, 190, 275, 289, 292, 332-334, 336, 347, 350, 359, 363, 390, 399, 405, 409, 410.
- Huntington, Samuel, founds Fairport (Ohio), XXIV, 160.
- Huntington (Pa.), iron-furnace in, XIII, 40; population, XXII, 134.
- Huntington County (Pa.), Weiser in, I, 22.
- Huntsville (Ala.), Brown in, III, 206.
- Hurdis, —, music teacher, IV, 348, XXVI, 268.
- Huron Indians, habitat, VIII, 234; bands, XX, 297; characteristics, II, 192, XXVII, 284; traditions, XIII, 346; legends of sun and moon, 344, 345; religious rituals, 239; hereditary chiefs, 339; revolt, I, 108; French allies, XIII, 361; at Detroit, I, 55, 156, 324, II, 50; Loretto, I, 320; Sandusky, 156; Jolliet among, XIX, 48; Morris, I, 308; mission colony, II, 192; serve United States, 13, 210.
- Huron (Ohio), Flint in, IX, 298.
- Huron County (Ohio), Flint in, IX, 285.
- Hurteau, J. C., accident, VI, 362.
- Hushhuskeys Indians, habitat, I, 168.
- Hutchins, Col. Anthony, in Mississippi Territory, IV, 325; New Jersey, 326; sketch, 326, 327.
- Hutchins, Thomas, first geographer of United States, IX, 176; estimate of distances from Pittsburgh to Mississippi River, XXI, 39; *Topographical Description of Virginia*, etc., IX, 190, XXI, 39; map of 1778, I, 106, 124; sketch, XXI, 39.
- Hutchinson, —, in Massachusetts, IV, 229.
- Hutchinson, —, in Mississippi, IV, 347.
- Hutchinson (Kans.), site, XVI, 237.
- Huybrechts, Brother Francis, missionary, XXIX, 137.
- Huzaa Indians. See Osage.
- Hydrangea, *arborescens*, XXII, 193; *frutescens*, III, 28.
- Hydrocharidae*, habitat, XIV, 220.
- Hydrocotyle*, *ambigua*, V, 318; *bipinnata*, XIV, 61.
- Hydrogen, carburetted, XIV, 59; sulphuretted, 73, 82, 112, XVI, 33, XVII, 150, 233, 234, XIX, 148.
- Hydropeltis purpurea*, observed by Bradbury, V, 72.
- Hydrophyllum canadense*, XIII, 206.
- Hyerochloa fragrans*, blossom, XXIV, 91.
- Hygeia (Ky.), William Bullock in, XIX, 14, XXIV, 144.
- Hygrometer, as equipment, XVII, 102, 263.
- Hymenopappus tenuifolius*, collected by James, XV, 200.
- Hypericum*, *aureum*, III, 63; *kalmianum*, 47; *sphærocarpum*, XIV, 74.



Hyquás shells. See Higua.

Hyssop, in Louisiana, VI, 156; *artemisia*, V, 133.

IAGO, Pattie's servant, XVIII, 159.

I-atan. See Ietan.

Iberville, Pierre le Moyne, sieur d', in Hudson Bay, II, 164; in Louisiana, XIII, 117; names Louisiana, V, 235; on Mississippi River, XIII, 307; discovers Lake Pontchartrain, VIII, 61; explores Bay St. Louis, 340; expedition of, VI, 377; despatches Le Sueur, XXVII, 43.

Iberville Parish (La.), Bayou Plaquemine in, XIII, 312.

Ibex (*haplocerus montana*, mountain goat), habitat, VI, 360; described by Franchère, 360; observed by Ross, VII, 149. See also Goats.

Ice, article of trade, XXI, 12, 27; prepared for market, 27; packed at Fort Clark, XXIV, 71; houses, IV, 190, XXIX, 249.

Icebergs, observed by Bullock, XIX, 154.

*Icterus, baltimore*, XXII, 48, XXIV, 108; *viridis*, XXIII, 26, XXIV, 108; *xanthocephalus*, XXII, 254.

Icthyosarcolite (Desmarest), observed by Nuttall, XIII, 173.

"Ida," Wyeth's expedition on, XXI, 34.

Idaho, boundary, XXI, 199, XXVII, 175, 281, XXIX, 195, XXX, 77, 91; drainage, XXIX, 289; forest reserve in, 271; lakes, XXVII, 141, 175, XXIX, 192, XXX, 78; mountains, XXI, 273, XXIX, 30; rivers, VI, 348, XXI, 69, XXVII, 300; Pierre's Hole in, XXI, 63; landmarks, XXX, 90; Indians, XXVII, 283; Indian reservations, V, 227, XXI, 192, XXVII, 365, XXIX, 288; Arapaho, V, 225; Nez Percés, VI, 340; posts in, XXI, 12; missions, XXVI, 14; De Smet, XXIX, 193; Dorion, V, 38; Ross, VII, 11; capital, XXI, 249.

Ietan (Iatan, Prairie Wolf, Shamonekusse, Shongmunecuthe), Oto chief, XV, 101, 121, 125, XXIV, 316; English name, XIV, 232; friend of Cut Nose, XV, 35; quarrel with Grand Batture, XIV, 267; battle with Comanche, XVI, 233; dance master, XIV, 233, 234; in Engineer Cantonment, 275, 276; exploits, 232.

Ietan Indians. See Comanche.

Iggledon, Edward, American vice-consul, XI, 35.

Ignace, Iroquois chief, XXIX, 311; son with De Smet, XXVI, 15, XXVII, 398, 400; convert, 232.

Ignatius (the younger), Iroquois deputy, XXVII, 230.

Ignatius Xavier, Piegan convert, XXIX, 360.

Ihkas-Kinne (bent horn), Siksekai chief, XXIII, 153; described by Maximilian, 155; in Fort McKenzie, 158; speech by, 155, 156.

Ikani, Chinook god, XXIX, 126.

Ilex (*ilex cassine*), substitute for tea, XVII, 51; *ligustrifolia*, XXIX, 424; *opaca*, XVII, 50.

Illinois, origin of name, X, 330; described, V, 11, VIII, 290-292, X, 267-271, 320, XII, 249, 250, XVII, 114, XIX, 53-62; latitude, X, 268, 269; astronomical surveys, 330, 333; climate, IX, 130, 175, 183, X, 100, 137-140, 147, 337, XXVI, 201, 217, 218, 318, 338-340, 363-365, XXVII, 83; topography, V, 294, X, 116, 270, 273, XVII, 107-115, XIX, 55, XXVI, 200-203, 211-219, 232-234, 237, 239, 244, 245, 249, 340, 341, 348, XXVII, 24, 26, 83; geological formation, V, 278, XXVI, 233; drainage, V, 237, 274; prairies, X, 48, 49, XIX, 55, 56, XXII, 384, XXVI, 211-214, 225; natural features, IV, 273, VIII, 283, X, 104, XI, 280, XIV, 58, 83, XXVI, 88, 117,

239, 276, 329, XXVII, 103; mines and minerals, V, 247, 248, 275, 278, IX, 122, XVII, 227, 232, XXVI, 97, 171, 330, XXX, 173; vegetation, V, 317, X, 306, 315, XXII, 190, XXVI, 302; animal-life, V, 58, X, 287-292, XI, 247, XXII, 168; Indian mounds, XIV, 120, XXVI, 181; area, V, 287, X, 268, 269; boundaries, VIII, 283, 290, X, 253, 268, XIII, 70, XIX, 53, 65, XXVIII, 11, 155; Indians, I, 27, 144, 162, 168, VIII, 292, XXIV, 313, XXVI, 98, XXVIII, 142, 143; population, IV, 12, V, 287, X, 267, 269, 354, XI, 277, XVII, 108, 111, 115, XIX, 53; growth, XXVI, 303; character of, X, 265, 266, XXII, 192, XXVI, 307, 351; customs, X, 130, 132, 356, XXVI, 323, 336, 337; religious conditions, X, 108, 117, 129, 145, 148, 149, 155, 160-162; early history, III, 69, IV, 280, VIII, 12, 292; La Salle and Tonti, XIII, 117, 140, XIX, 51, XXVII, 40; controlled by French, III, 72, 80, XIII, 116, XXVI, 95, 101; surrendered to English, I, 50, 137, 138, 141, 147, 163, 164, 173, 301, 305, III, 71-73, IV, 266, XVIII, 30; in Pontiac's War, I, 13, IV, 328; Croghan's mission, I, 12, 47, 50, 126, 128, 147; Clark's expedition, I, 146, II, 12, 185, IV, 259, V, 38, XXVII, 62; in War of 1812-15, XVIII, 31; capital, XIX, 57, 58; governors, III, 73, IX, 186, X, 15, 47, XXVI, 310; state-house, 244; territorial government, XIX, 58, XXVII, 71; statehood, VIII, 235, X, 267, 268; congressmen, 322; legislature, 132, XXVI, 81, 244, 297, 358; records, XXVII, 79; magistrates, X, 266, XI, 266, XXVII, 79; division of counties, X, 354; elections, XXVI, 312-314; taxes, XXII, 181, 182; land system, VIII, 292, IX, 186, 187, 189, 251, X, 154, 343, XI, 207, XII, 60, XXI, 122, XXVI, 69, 127, 272; speculation, X, 329, XXVII, 49; agriculture, X, 69, 104, 142, 144, 154, 205, 250, XI, 192, 219, 229, XVII, 108, XXIV, 140, XXVI, 302, XXVII, 70, XXX, 258; roads and taverns, X, 208, 327, XI, 143, XXII, 208, XXIV, 152, XXVI, 297, XXVII, 32, 33; manufacture, X, 51; commerce, I, 131, 159, 172, II, 50, III, 31, 71, 158, IX, 190, X, 188, 269, XI, 109, 110, 147, 153, XIV, 100, XIX, 174, XXVI, 69, 303, XXVII, 61; French settlements, I, 168, III, 72, IV, 266, 281, 283, V, 56, XIV, 104, XXVII, 42, 92 (see also French: in Illinois); inducements for emigrants, V, 298, 310, IX, 187, X, 142, 148, 153, 165, XIX, 58, XXVI, 310; emigration to, V, 272, IX, 71, X, 310, XIX, 56, 58, 70, 80, XXVI, 308, 333; English, IX, 71, X, 9-11, 14, 47, 107, 124, 125, 136-140, 144-150, 153, 155, 160, 191, 351, XI, 10, 11, 14, 109, 142, 143, 216, 277 (see also English: in Illinois); anti-slavery, X, 47, 49, 109, XI, 240; canals, XIV, 41; libraries, XI, 111; agricultural societies, X, 343, XI, 262; militia, X, 357, XXVII, 79-81; towns, IX, 11, X, 257, 326-330, XXVI, 13, 128, 133, 299, 306, 330, 364; abandoned, IV, 11, 12; emigration from, XII, 211, XIII, 307, XXVII, 78, XXX, 124, 261; robbery, XI, 287, 298; penitentiaries, XIV, 100, XXVI, 119; epidemics, IX, 287, XXVII, 94; unhealthfulness, XI, 246, XII, 16, 211; death rate, X, 142, 143; Mormons in, XX, 98, 99, XXIX, 371; Pilgrims, XIII, 294; individuals in, I, 154, 302, III, 16, 17, 66, 68, 77-79, 88, V, 11, 35, IX, 190, X, 10-13, 47-49, 89, 126, 165, 343, XI, 13, 70, 115, 177, 247, 252, 270-272, 280, 294, XVII, 91, XIX, 43, 44, 65, 174, 197, XXI, 30, XXVI, 9, 12, 31, 165, 180, 203, 350, 353, XXVII, 21, XXVIII, 10, XXX, 48, 142, 148, 163, 174, 240, 256; Illinois College founded, XXVI, 304; Historical Library *Publications*, XXVII, 64; *Intelligencer*, XXVI, 31; *Monthly Magazine*, 31, 243, 244; county histories cited, 254, 300, 308, XXVII, 64, 112.

Illinois City (Ill.), site, XXVII, 119.

Illinois Indians, stock, XVII, 40; signification of name, XIII, 121, XX, 298, XXVI, 123; tribes, XIII, 122, XVII, 41, XXVII, 35, 117, XXVIII, 135; habitat, I, 138, 168, XIV, 159, XVIII, 31, XXVI, 231, 317, XXVII, 35; population, I, 168, XIII, 322; character, 121, XXVII, 35; nomenclature, XIII, 117, XXVI, 122, 123; traditions, XIII, 353, XIV, 322; customs, XIII, 116, 304, 359, XXIII, 284; intertribal relations, XIII, 122, 355-359, XXVI, 139, 140, XXVII, 38, XXVIII, 142; with English, I, 148, 168; French, XV, 134; Spanish, 133; Marquette among, XXVII, 36; missionaries, 64.

Illinoistown (Ill.), Flag in, XXVII, 119.

Immel, Michael, expedition to Sioux, XIV, 283, 284.

*Imperatoria lucida*, observed by Nuttall, XIII, 43.

Incedon, Benjamin Charles, English vocalist, IX, 46.

Incomecanétook, Okinagan tribe, VII, 275.

"Indefatigable," De Smet on, XXIX, 157.

Independence (Kans.), trail, XVI, 230.

Independence (Mo.), site, XIX, 205, XXIV, 116, XXVII, 135; latitude, XX, 218; as a boundary, XIX, 197; distance from Ash Creek, 211; Big Blue River, XXI, 142; Cottonwood Creek, XXVIII, 68; Deer Creek, XXX, 65; Fort Laramie, 57, 157; distances to Oregon, 277-282; Missouri River at, XXI, 231; Oregon trail, 49; road to Santa Fé, XXVIII, 52; last settlement on Santa Fé trail, XIX, 196; trade rendezvous, 188, 189, 192, XX, 223, XXVIII, 46, 57; emigrant, XIII, 15, XXX, 32, 34, 39, 261; lawyers in, XX, 96; Mormons, 93-97, 99, XXI, 139, XXVI, 334, XXVIII, 47; Adams, XXX, 39; Boggs, XX, 98; Chavez, 227; De Smet, XXVII, 189; Farnham, XXVIII, 11, 45, 200; Gregg, XIX, 193, XX, 93, 96; Harris, XXX, 123; Maximilian, XXIV, 116; Palmer, XXX, 14; Snively, XX, 235; Sublette, XXI, 88; Townsend, 132, 133, 135; Wyeth, 14, 47, 48, 181; described, 135, 136; sketch, XIX, 189; *Evening and Morning Star*, XX, 95.

Independence County (Ark.), boundary, XVII, 25; Cura Creek in, 34.

Independence Rock. See Rocks: Independence.

India Company, concessions granted by, XXVII, 45.

Indian John. See John Vincent.

Indian mounds, in general, VIII, 272, IX, 107, 126, XI, 280, XIV, 113, XVIII, 104, 336, XXVII, 27, XXIX, 149; observed, XIII, 152, 225, 226, XVI, 53, 90, 91, XXII, 193, XXX, 37; described, XIV, 112-116; by Farnham, XXVIII, 64; Flagg, XXVI, 181-187; Lesueur, XXII, 172, 173; Maximilian, XXIV, 127, 128; Nuttall, XIII, 52, 53, 69, 115, 116; Wyeth, XXI, 39, 40; compared with European, XXIV, 128, 129, XXVI, 186; builders, XIII, 177, XXVI, 51, 186, 360; origin, VIII, 272, XIII, 304, XXVI, 147; purpose, XIV, 54, 112, XIX, 211, XXII, 173, XXVI, 189, 203; excavated, XXIV, 128, XXVII, 38; contents, IX, 55, XIII, 69, 289, 303, XIV, 106, 117, 118, XXII, 173, 174, XXIII, 279, XXIV, 148, XXVI, 105, 154, 178, XXVII, 27, 105, 187; weapons, XIII, 303, XIX, 91, XXII, 173, 174, XXIV, 128; potsherds, XIII, 300, XXII, 173, XXIV, 148, XXVI, 105, 154, 191, 276; human remains in, XIV, 116, 117, XIX, 85, 86, 91, XXVI, 154; skulls, XIV, 116, XV, 229, XXII, 173, XXVIII, 368; indifference concerning, XXVI, 156-159; valued, XXII, 150; destruction, 150, XXIV, 149, 150; in Arkansas, XIII, 102, 105, 145, 162, 236, 323; Illinois, XXVI, 183-185, 187-191, 193, XXVII, 116; Indiana, XI, 209, XXIV, 139; Mississippi, IV, 326, XIII, 304; on Mississippi River, 300, XXIV, 127, XXVI, 276, 297; in Missouri, XIII, 78, XIV, 11, XXVI, 97, 98, 104, 105, 114, 152-156, 160, 178, 179, 276; Missouri River, VI, 77, 82, XXIV, 126; in Ohio, III, 178, IV, 115, 116, 125, 143, 217, 220, 251, XI, 180, 183, XIII, 56, 57, XIV, 58, 67, 68, XIX, 35, 82-92, XXIV, 148, 149, 153, XXVI, 69; Ohio River, XIV, 84; Pennsylvania, III, 158; West Virginia, 360-362, VIII, 262, IX, 107, XIII, 53, 57, 59, XIX, 32.

Indian summer, smoke of, XII, 14; described by Faux, XI, 223, 224; Welby, XII, 271, 287.

Indian Territory, meaning of term, XXVIII, 52; climate, 122; extent, 117, 121; boundaries, XIII, 197, XVII, 51, XXVIII, 121, 122, XXX, 34; as a boundary, XXVIII, 151; rivers in, V, 242, XIII, 207, 232, XVII, 51; paroquet, XXII, 195; Indians in, XX, 303, XXVIII, 121, 149; "Border" Indians, XX, 299; Cherokee, V, 191, XX, 101; Creeks, 246; Delawares, XXII, 96; Foxes, XXVIII, 144; Osage, V, 50, XXVIII, 132; Oto, 146; Ottawa, 135; Peoria, XXVI, 98; Ponca,

V, 96, XXVIII, 147; Potawatomi, 134; Sauk, 142, 144; Seminole, 130; Seneca, 131; Shawnee, XIX, 196; Tuscarora, XXIV, 175; Indian reservations, V, 49, VI, 61, VIII, 184, XIII, 117, 177, XVII, 41, XXVIII, 136; removal of Indians to, XX, 300; Heckatoo in, XIII, 131; Shawnee Prophet, V, 227; squatters, XI, 100, XIII, 213; white settlements, XXII, 258; fur trade, XIII, 61, 197, XXVIII, 138; Farnham, 52, 53; Leavenworth, XXIII, 224; organization, XXI, 50; towns in, XX, 304; Fort McIntosh, IV, 99; described, XXVIII, 117-119, XXX, 36, 37; map, XX, 304.

Indian Wheeling (W. Va.), Lashley in, IV, 207.

Indiana, described, V, 11, VIII, 72, 283, 287, XIX, 65-76; latitude, 53; astronomical surveys, X, 330, 333; climate, IX, 183, 185, 282, X, 42, 138, XI, 212, 243, 298, XII, 271, XXII, 171, 172, XXIV, 135, 141; topography, V, 294, IX, 280, 281, X, 315, XII, 229, 230, 234, 235, XVII, 107-115, XIX, 55, XXII, 159, 162, XXIV, 134, 135, 139-141; geology, V, 294, 295, IX, 122, XXIV, 144; drainage, V, 237, 274, XXIV, 136, XXX, 30; prairies, V, 294, IX, 280, XI, 214; natural features, IX, 283, X, 246, XIV, 73, 76, XIX, 74; vegetation, X, 138, XVII, 116, XXII, 166, 167, 183, 190, 207, XXIV, 134, 136; insects, XI, 247, XXII, 171; Indian mounds, XXIV, 139; boundaries, IV, 257, VIII, 255, 290, 291, X, 238, 253, 268, XIII, 62, XIV, 102, XIX, 53, XXI, 42; early history, VIII, 12, IX, 185, XXII, 178; Indians, I, 27, VIII, 286, XXII, 96, 173, 178, XXVIII, 135; population, IV, 12, V, 287, XVII, 108, 111, 115; character of, IX, 236, 291, X, 64, 247, 266, XI, 213, XXII, 179, 192, 378; capital, IV, 261, IX, 190, 280, X, 326; governor, IV, 262, XI, 158, XXIV, 137; constitution, XI, 283, XXIV, 133, 138; assembly, XI, 209; ceded to United States, XXII, 178; statehood, IX, 278, X, 268; laws, IX, 215, 220, 221; appropriations, 229, 230; taxes, 230, 253, 254, XXII, 181, 182; voting, IX, 256; magistrates, 198, XI, 209, 248; land-system, IX, 164, 189, 190, 257, X, 320, XI, 201, XIV, 105; grant, III, 66, VIII, 279; agriculture, 284, IX, 13, X, 69, 250, 294, XI, 214, XII, 270, XVII, 108, XXIV, 140, 141, XXX, 258; roads, X, 65, 208, 327, XXIV, 152; travelling and taverns, III, 67, X, 63, 69, XI, 249; commerce, VIII, 284, X, 45, 281, 285; inducements for immigrants, V, 298, XI, 206, 284, XIX, 58; emigration to, V, 272, XIII, 294, XIX, 70, 80; English, X, 228, 321, XI, 225, 240-242; Swiss, V, 316, XIII, 63; settlements, IV, 258, 259, 262, IX, 11, X, 252, 312, XI, 260; slavery, 199, XXIV, 138; free blacks, IX, 193; militia, 274, X, 357; schools, XI, 208, XXII, 179, 180; banks, IX, 219; canals, XXVI, 66, 67; forts, VIII, 279; mills, 270; epidemics, 287, XXII, 171; elopements, IX, 219; murder, XI, 287; emigration from, XXX, 261, 262; individuals in, IV, 264, IX, 294, X, 49, 99, 239-241, 247, 251, 252, 311, XI, 111, 132, 164, 201, 209, 226, 232, 234, 280, 283, 294, 301, XII, 11, XIX, 55, XXX, 11, 42, 89, 120, 174, 207, 283; Historical Society *Collections*, I, 118, XXIV, 139; county history, XXII, 160.

Indiana (Pa.), described by Maximilian, XXII, 137.

Indiana County (Pa.), road, I, 23; Indians, 23.

Indianapolis (Ind.), IX, 190, X, 326, XXX, 30.

## INDIANS

(For each sub-caption, see also the several tribes.)

### I. ANTHROPOLOGY AND ETHNOLOGY

IN GENERAL: history noted, XIV, 17, 25, XXII, 18, 70, 71, 124; neglected, XXIV, 144, 149, 150; antiquities, bibliography, XXVII, 104; collections, IX, 137, 138, XI, 263, XXIV, 143, XXVI, 259; described, XVI, 263, XVII, 158, XXI, 39, 40, XXVII, 101-104.

ORIGIN: theories, VI, 336, VII, 103, 272, 273, VIII, 273, 274, XIII, 259, 353, XX, 297, XXI, 76-78, XXIV, 199, 200; Asiatic, VIII, 273-275, XIII, 261, 262, XIV, 119, 120, XIX, 92, XX, 297, 298,



## INDIANS: ANTHROPOLOGY AND ETHNOLOGY (continued)—

## ORIGIN (continued)—

XXII, 305, XXVI, 346; resemblances to Mongols, XXII, 221, 305; to Persians, XXI, 78; to Malays, XIII, 259; Tartars, 121, 239, 261, 340, XXI, 77, XXII, 221; Hottentots, XIV, 305; Jews, II, 64, XV, 26, XXI, 77, 78; compared with Chinese, XXII, 219; resemblances to apes, XIV, 305. See also origin traditions, below.

**RACIAL CHARACTERISTICS:** in general, VI, 12, VII, 10, 173, 308, IX, 245, XI, 185, XIV, 17, XV, 219, 220, XVI, 60, XVII, 158-171, XVIII, 121, 283, XIX, 262, XX, 133, 296, XXI, 226, XXIII, 91, XXVI, 140, XXVII, 159, 160, 229, 289, 302, 303, XXIX, 101, 171, 241, 286, XXX, 192; barbarous, XVIII, 31, 137, XIX, 269, 270, 273, XX, 90, 347; half-civilized, XVI, 117; progress, XX, 318, XXVI, 111; civilized, XI, 52, XVIII, 151, 360, XIX, 91, XXIV, 200, 201.

**Physical:** in general, VI, 324, XXII, 218, 219, XXVII, 304, XXIX, 286; physique, VI, 57, XII, 49, XX, 341, XXII, 223, XXIII, 15, 24, 112, XXVIII, 171; skeleton, size, XXVII, 101; dwarfs, XIV, 117, XXIII, 20; skulls, XV, 68, 69, XXIV, 86; color, XV, 70, 71, XXII, 220; physiognomy, 179, XXIV, 162, XXIX, 241; eyes, XV, 69; acuteness of vision, XX, 125, 328; voice, XV, 70; dexterity, VII, 111, XIII, 240, XV, 78, XVI, 201, XVII, 153, 158, XXI, 104, XXII, 360; odor, XV, 71, 257; cleanliness, XXIV, 19, XXVIII, 332; uncleanness, VI, 326, VII, 278, XVI, 201, 206, 207, XXI, 258, XXVII, 173, XXVIII, 82, 90, XXIX, 28, 222, 223, 285; hardihood, II, 72, 89, 176, XV, 195, XVIII, 213; voracity, XXIX, 152; hair, VI, 326, XX, 328; color, XVI, 204; grey, XV, 40, XX, 328; length, XXVIII, 262 (see also Hair-dressing, below); beards, II, 192, 193, XIII, 130, XXIII, 218; plucked out, XX, 330, XXII, 222, XXVII, 200.

Portraits, XVI, 275, XXII, 71, XXIII, 191; painted by Bodmer, XXII, 11, 12, 226, 227, 283, 285, XXIII, 17, 18, 70, 131, 134, 136, 142, 143, 152, 155, 158, 160, XXIV, 48, 62, 71, 72, 106; by Catlin, VI, 126, XXII, 32, 236, XXIII, 13, 88, XXIV, 126; by King, XII, 51; by Seymour, XIV, 43; collections of, XII, 51, XXII, 32; reproduced, XVI, 201, XXII, 269, 323, XXIV, 37, 59, XXV, 10, 13, 19, 22, 24, 26, 27, 36, 40-42, 45-47, 50, 53, 56, 57, 65, 66, 78, 79, XXIX, 4, 333.

**Mental:** intellectual capacity, VI, 335, 336, XXIII, 284-289; wittiness, XV, 114, 121, 122, XIX, 300; prejudice, XIV, 267; taciturnity, VI, 137; gravity, XV, 70, XXVIII, 64, 65; dignity, 177, 178; civility, I, 193, 218, XV, 143, 149, 161, XXI, 164, 228, XXIII, 127, XXIV, 24, XXIX, 150; independence, XV, 136, XXVIII, 177, 178; hospitality, I, 194, 307, 309, V, 178, VI, 248, 289, VIII, 63, 65-67, 71, 72, XV, 204, XVI, 111, 195, 196, 270, XX, 136, 296, XXI, 76, 363, XXIII, 220, XXVII, 136, 168, 174, XXIX, 327; generosity, II, 157, XIV, 277, XVI, 247, 267; fidelity, II, 62, 63; honesty, XIII, 73, XXI, 83, 282; peacefulness, VII, 207, XXIII, 284; temperance, V, 114, VI, 375; bravery, II, 114, 115, IV, 287, XV, 98, XXI, 289, XXVII, 187; fortitude, II, 66, 82, 89, 96, 108-110, XV, 42, XXVIII, 293; gratitude, XVIII, 95; humanity, VII, 189, IX, 249; natural affection, II, 96, 97, 138, VIII, 75, 152, XV, 23-27, XXI, 339, 340, XXVIII, 320, 330, XXIX, 244; justice, XXIV, 80; enterprise, XVIII, 151; sagacity, XXVII, 171, 203; ingenuity, VI, 329, XIII, 257, 258, XVI, 56; chastity, VI, 339; conservatism, VII, 277, 278; nonchalance, XXI, 64; secretiveness, XVII, 158, 159; unceremoniousness, XXIV, 19, 57; credulity, VII, 153, 154, 287, XV, 55; curiosity, VI, 58, VII, 131, 155, XVI, 200, 201, 267, XVIII, 209, XIX, 224, XX, 128, 129, XXI, 146, 283, XXII, 271, 272, 350, XXIII, 163, XXIV, 90, XXX, 235; importunity, XIII, 94, 245, XXI, 145, 146, XXIII, 12, 75, 112, 200, XXIV, 73, XXVIII, 65, XXX, 13; timidity, VI, 291, 292, XV, 100, XX, 134, 135, XXVIII, 57; cunning, XI, 284, XVIII, 68, 114, XIX, 231, XXI, 161, XXVI, 78, 291, 292, XXVII, 399; cruelty, IX, 328, XX, 295; pitilessness, XVIII, 94, XXI, 312, 313, 356, XXIX, 167, 381, 382; revengefulness, I, 231, III, 263, VII, 307, VIII, 223, 224, 307, XIII, 305, XV, 101, 107-110, XVII, 162, 163, XVIII, 72, 127, XXIII, 118, XXIV, 77, XXVII, 205, XXVIII, 209-211, XXIX, 236, 242, 358, 362; treachery, VI, 234, VII, 13, 133, 139, 153, 154, 168, XVIII, 138, 175, XIX, 195, XXI,



326, XXIII, 12, 16, XXVI, 282, XXIX, 75, XXX, 209, 241, 242; quarrelsomeness, VII, 285, 286, XV, 33, XXX, 119; cowardice, XIX, 238, XXI, 287; jealousy, I, 48, 171, 201, 226, 231, 248, 252, 258, II, 66, 126-130, VI, 28, XIII, 72, 73, XXI, 360, XXIV, 22; unchastity and vulgarity, VI, 332, XIII, 239, 240, XVI, 204, XXI, 350; pride, I, 230, II, 65; vanity, I, 310, II, 39, 88, XXI, 32, 100, 123, XXIV, 79; fickleness, XIV, 271; indolence, II, 38, 39, 89, VII, 160, 162, 231, XVII, 160, 162, XVIII, 306, XXI, 266, 332, 334, XXII, 12, 327, 346, XXVII, 296; selfishness, IV, 284, 285; suspiciousness, I, 231; superstitions, VIII, 151, 158, XXI, 363; cupidity, XXVIII, 58; unreliability, XVI, 205, 206, XXX, 145, 146; discontent, I, 246; rapacity, XXI, 182; rudeness, I, 197; gluttony, 311, XXVII, 359.

**Stocks:** classified, XX, 297; Algonquin, XXIV, 208; Athapascan, XVIII, 69, 109; Caddoan, V, 113; Chinook, VI, 239, 243, VII, 124, XXX, 156; Iroquois, XX, 297; Salishan, V, 233; Shahaptian, VI, 340, VII, 12, 137; Shoshoni, V, 227, XIV, 233, XX, 247, XXVII, 244, XXVIII, 212; Siouan, XX, 297, XXIV, 223. See also the several stocks.

**Tribes:** nomadic, VI, 339, XVI, 122, XVIII, 155; comparison, North and South American, VIII, 274, XXII, 218-221; United States and Mexican, XX, 295; Northern and Southern, II, 187, IV, 145, VIII, 324; Prairie and Far Western, XX, 336; Upper and Lower Missouri, XXIV, 112; Columbian, VI, 336; Mohawk and Chippewa, I, 303. See also the several tribes.

**Clans:** totemism, I, 220, II, 123-125, 212, VII, 277, XIII, 125, XXVIII, 125, 366, XXIX, 216.

**Habitat:** in general, VIII, 274, IX, 126, XIII, 137, 139, XIV, 20, XVI, 83, XX, 66, 248, 283, 295, 299, XXI, 282, 305, XXII, 244; hunting grounds, I, 50, 104, 140, 143, 278, VIII, 144, 146, 192, 204, XIII, 73, XV, 245, XVI, 140, XIX, 72, XXVII, 100, XXIX, 365; in Middle West, IV, 114, XI, 10; on frontier, XVIII, 163; on Hudson Bay, VI, 379; in Arctic regions, XXVI, 73, in Mexico, XIX, 258; on Northwest Coast, VI, 258, XIII, 259; California Gulf, VI, 258; Arkansas River, XIII, 128, 144, XVII, 18-22; Big Beaver, IV, 99; Columbia, VI, 311, VII, 118; 129, 139, XXI, 229, 235, 247, 283, 285, 293, 356, 357, XXIX, 28; Green, XXVII, 243; Illinois-29; Kansas, XXII, 252; Maumee (Miami of the Lake), VIII, 206; Menominee, 232; Mississippi, IV, 289, V, 201, VIII, 310, XIII, 319; Missouri, VI, 12, 13, XVIII, 38, XXII, 18, 283, 366, XXIII, 211, XXIV, 22, 47; Muskingum, IV, 89; Musselshell, XXIII, 59; Ohio, IV, 97, 99, 114; Platte, VI, 101, XIX, 173; Portage, I, 110; Sandusky, VIII, 201; Scioto, XIII, 59; Tuscarora, IV, 90; Umatilla, VII, 188; Wabash, I, 50, IV, 90; Wallawalla, VII, 136, 221; Willemette, 229, 230; on Lake Huron, VIII, 229; Peoria, XXVII, 37; St. Clair, VIII, 227; in lower Canada, IX, 330; Illinois, III, 16, VIII, 292, XXVI, 245; Indiana, XIX, 68; Kentucky, III, 16, XXVI, 281; New Mexico, XIX, 163, XX, 67; Ohio, XII, 19; Pennsylvania, I, 235-238, III, 321, VIII, 247; Tennessee, III, 16, VIII, 303; Wyoming, I, 187; at Fort Aughwick, 49; Boisé, XXX, 243; Chartres, I, 138; Clark, XXIV, 13, 48, 63; Laurens, I, 211; Miami, VIII, 207; Pierre, XXII, 316, XXIV, 89; Pitt, IV, 325; Union, XXII, 374, 377, XXIII, 12; Vancouver, XXX, 210; at Astoria (Oregon), 201; Bellefontaine (Mo.), XVIII, 59; Bethlehem (Pa.), I, 185, 186; Bledsoe's Station (Tenn.), III, 61; Chillicothe (Ohio), 186; Clearfield (Pa.), I, 23; Columbia falls, VII, 137; Côte sans Dessein (Mo.), VI, 45; Detroit, VIII, 221, 223, 224; Frankstown (Pa.), I, 22; Fire Prairie Creek, XIV, 165; Great Buffalo Lick, X, 226; Kuskusking, I, 26, 27; Logstown (Pa.), 24, 25; Natchez, IV, 321; New Orleans, VIII, 13, 336; Oak Point (Oregon), XXX, 206; Oregon City, 160; Point Adams, VI, 233; Portage des Sioux, XXVI, 120; Portland (Ohio), IX, 311; Reading (Pa.), I, 234; Saltillo (N. Mex.), XVIII, 348; Sault Ste. Marie, VIII, 234; Standing Stone (Ohio), IV, 222; Swan Creek, I, 113; Three Islands (Ky.), III, 35; Tygh Creek, XXX, 126. See also Reservations, below.

**Migration:** tendency, VIII, 285, XIX, 72, XX, 301, XXX, 117; retire before whites, I, 82, IV, 144, VIII, 127, XIV, 126; tribal changes, II, 41-44, 47, VI, 260, 261, VII, 184, 314, 315, VIII, 285,

## INDIANS: ANTHROPOLOGY AND ETHNOLOGY (continued)—

## MIGRATION (continued)—

XVI, 33, XVII, 40, XX, 300, XXII, 174, XXIV, 15, 66, 71, XXVIII, 308; register, IX, 138; traditions, XIII, 179, 353, 354, XVII, 152, XX, 67; removal to Indian Territory, 299, 300, XXII, 253, XXVIII, 119, 121; summer and winter, VI, 279, VII, 111-113, XXIV, 14, 39.

GEOGRAPHICAL INFORMATION: VII, 149, 152, XVII, 175, XX, 239; account of Pike's Peak, XVI, 14, 36; astronomical knowledge, XIII, 238; cartography (maps), II, 120, VII, 140, XXVII, 304.

POPULATION: census, XX, 317, 342; estimates, IX, 250, XXIX, 194; Western Indians, XVII, 158, XX, 341, XXVIII, 121; Illinois, XXIX, 19, 53; Missouri, XIII, 79; numerous, XXIII, 58, 86, 91, 166; scarce, VII, 120, VIII, 192, IX, 311, X, 342, XIV, 278, XVI, 55, XVII, 148, XIX, 196, XXIII, 55, 67, 182, XXIV, 63, XXVIII, 15; decrease, IV, 44, IX, 249, 250, XX, 298, XXI, 332, 333, XXX, 9, 10; causes of decrease, XXIX, 99, 101.

## II. PHILOLOGY

IN GENERAL: V, 37, 128, 236, VI, 18, 33, 87, 263, 385, VII, 155, 159, XIII, 28, 73, 121, XIV, 17, 106, 144, 217, XV, 135, 136, XVII, 157, XVIII, 276, XIX, 331, XX, 70, 304, XXII, 226, XXIII, 76; dialects, XVII, 156, 164, XXII, 252, XXIV, 200-209; affinities, XIII, 322, 323, XXIII, 365, 366; similarities, XX, 297; diversity, XXVII, 386, 387; peculiarities, XXII, 245; importance, XIII, 29; pronunciation, XVI, 211, XVII, 289, XXIII, 33; spelling, II, 28, 61, 62; studies in, VII, 10, XIV, 25, XXIV, 189, 191, 200-209, XXIX, 179; familiarity with, II, 9, 11, 27, 36, 61, 70, 82; vocabularies, 27-30, 223-265, XII, 52, XIV, 18, 19, XVII, 289-308, XXII, 19, 32, 33, XXIII, 365, XXIV, 199-314; how obtained, XVI, 210.

Columbian languages, XXI, 321; Peruvian, XV, 257. Names, XIX, 72, XX, 251, XXIII, 147; harmony, 61; nicknames, II, 65; name for whites, V, 95; geographical names, III, 333, V, 242, VI, 277, 377, 382, VII, 133, 150, 163, 191, 199, 208, 211, IX, 105, XIV, 243, XV, 87, 260, XVI, 136, 273, XVII, 69, XXII, 337, XXIII, 191, XXIV, 179, XXVI, 134, 273; significance, V, 246, 274, XV, 132, XVI, 138, 243, XXVI, 53, 54; desirability, 131; significance of terms, XXII, 79, 171, 245, XXIV, 79, 110, XXVI, 73, 226.

No intertribal, XVI, 210; sign, II, 31, XIV, 18, XV, 101, 142, 220, 253, XVI, 210, 211, XVII, 157, 164, XVIII, 15, 48, 119, 200, XIX, 221, XXII, 19, XXVII, 179, 180, XXIX, 314, XXX, 244; described, XV, 329-346, XXIV, 318-322; signals, VI, 117, XVI, 149, 232; picture-writing, IX, 138, XV, 58, 59, XVII, 14, 15, 164, XX, 323, XXI, 283, XXII, 243, 264, 287, 322, 328, 330, 331, 339, 340, 369, XXIV, 21, 32, 66, 72, 74, 80, 81, 98, XXVI, 75, 77, 123, 124, XXVII, 216, XXVIII, 151, 168; record of battle, XIV, 202.

Indians use English, I, 253, VIII, 67, 152, 201, 204, 224, XIII, 88, 94, XIV, 94, XIX, 149, XXI, 303, 341, XXIV, 17, 162, 175, XXVIII, 131, 171, XXX, 180, 229; French, V, 166, 182, IX, 326, XXIV, 17, XXIX, 199, XXX, 180; addressed in French, XXVII, 138; Indian names corrupted by, XVI, 273, 274, XX, 251; Indians use Spanish, XVI, 106, XVIII, 121; interpreters, I, 235, II, 27-30, VII, 180, XIV, 26, 129, XV, 190, XVI, 114, XVII, 68, XIX, 255, XXII, 317, 377, XXIV, 11, XXVII, 138, 398, XXVIII, 138, XXX, 58; salaries, I, 17, XXIII, 23; translations, XIV, 25, XXIV, 163, XXVII, 142, XXIX, 420-423, XXX, 326.

## III. MYTHOLOGY, FOLK-LORE, AND RELIGION

RELIGION: in general, II, 80, 176, 179, V, 50, 51, 177, VI, 227, XX, 285, 286; ignorance of, XXIX, 160; deities, II, 80, 81, 172, 176, XIII, 188, 344, XV, 180, 211, XXIII, 301, XXVII, 36, XXIX, 243, 374; Great Spirit, VIII, 204, XIV, 147, XVIII, 219, XXI, 227, XXVII, 136, 137, 143, 147, 149, 152, 170, 202, 205, 285; sun-god (natoh), XIII, 179, 339, 340, 343, 344, 346, XIX, 266, XX, 57, 59, 285, 286, 352, XXII, 354, XXIII, 122, 133, 302, 321, 373, XXIX, 359, 364;

moon-god, XX, 59, XXII, 354, XXIII, 302, 303, 373, XXIX, 359, 364; great-star, XVII, 153; animal worship, VI, 109, XXIX, 310; serpent, XXIII, 380, XXIX, 310; mother-of-life, VII, 151; thunder-god, XV, 351.

Rocks venerated, XIV, 147; springs, XVI, 24; methods of worship, VI, 333-336, VIII, 74, 75, III, 260, XVII, 160-162, XX, 294, XXIII, 16, XXVI, 73, XXVII, 306, XXIX, 124, 125; idols, VII, 104, 110, XXI, 363; prayers, VII, 274, XVIII, 60, XXI, 226-228, 287, 350, 351, XXIII, 122, XXIV, 268, 352, XXVIII, 331; vows, VII, 220, XVIII, 46, XXVIII, 269-272; offerings, XXIII, 122, 299-302, 333, 339, 340, 380, XXIV, 21, XXVI, 73, 75, XXVII, 166, XXVIII, 209, 210, 268, 269, 272, XXIX, 368; sacrifices, VIII, 153, 157, XIII, 135, 290, XVI, 24, XVII, 153, 162, XVIII, 44, XXII, 30, 357, XXIII, 321, 322, 324, 339, 340, 351, XXIX, 313; human-sacrifice, VII, 65, XIII, 336, XVIII, 4, XXI, 340, XXVII, 209-211, XXIX, 383-398; pilgrimages, XXVII, 355.

BELIEFS: general superstitions, II, 117, 177, V, 41, VI, 82, XIII, 147, XIX, 300, XX, 293, XXI, 307, XXIII, 122, 152, XXIV, 17, 21, 76, XXVII, 157, XXVIII, 86, 265, 273, 281, XXIX, 101, 111, 123, 237, 238, 304-308; regarding beaver, XXVII, 261; buffalo, V, 141, XV, 63, 64, 244, 245, XX, 268, 352, XXII, 318, 383, XXIII, 235, XXIV, 34, XXIX, 385, 389; horses, XV, 17; ravens, XXIII, 361; salmon, VI, 335, VII, 111, XXI, 321, 322; wolves, XXVII, 267, 268; elm-tree, XXIV, 21; water-melon, XXIX, 375; comet, VII, 151; falling-stars, XXIV, 15; mountain, XXX, 196; thunder, XXII, 392, 393, XXIII, 304; portrait, XXII, 367; music-box, XXIII, 160; belief in dreams, I, 310, II, 123, 125, 126, XIII, 260, XXIII, 340, 341, XXVII, 305, XXVIII, 218; in omens, XIII, 248, 260; veneration for insane, VI, 141; belief in witchcraft, VIII, 154, XII, 92, XX, 340, XXI, 310, XXIV, 33, 34, XXVII, 187, 188; medicine-stone, XV, 57-59; regarding corn, XIII, 135, XV, 61, XXIV, 33, 34; in future life, VI, 334, XIII, 126, XVIII, 166, XX, 289, 290, XXIII, 300, XXVIII, 160, XXIX, 380; heaven, XIV, 59; future punishment, XXVI, 214, XXVII, 166, XXVIII, 160; transmigration of souls, 366, 367, 375; birth, XXIII, 304; belief in amulets, XIII, 260, XXII, 354, 364, XXIII, 19, 35, 118, 125, 148, 150, 162, 163, 220, 294, 295, 301, 318, 326, 327, 333-335, 340, 380, 384, 388, 390-392, XXIV, 21.

MEDICINE-MEN: in general, I, 230, VI, 264, 333, VII, 286-288, XIV, 318, XX, 294, XXII, 392, XXIII, 21, 23, 119, 120, 201, XXIV, 33, 34, XXVII, 308, XXVIII, 159, 212, 265, 342, 365, 369, XXIX, 239, 240, 312, 355, 386; methods, XVII, 164, XXI, 322, 323, 342, XXIII, 201, XXVII, 300, 301; fees, VII, 287, 288; hypocrisy, XV, 55, 56, XXI, 343; presents to, XXIII, 121; medicine bags, XIV, 190, XV, 57, XXII, 322, XXIII, 104, 352, XXVII, 208, XXVIII, 148, 168, XXIX, 377, 378.

MYTHOLOGY AND LEGENDS: in general, VI, 391, VII, 147, XV, 180, XVI, 24, XXII, 31, XXIII, 308, 309, 312, XXVIII, 360, XXIX, 116; creation legends, VI, 334, VII, 273, 274, XXIII, 304-312, 316, 372, XXVII, 169, 301, XXVIII, 159, 160, XXIX, 234, 373-380; deluge legends, XXIII, 312, XXVIII, 160, XXIX, 374, 375; legend of moon, XXIII, 302-304; of river, XXVII, 35; cascades, XXIX, 281, 282; of Starved Rock, XXVI, 139; of sacred ground, XXVIII, 64; legends of maize, XV, 116, 117, XXIII, 310, 316, 336, 337, 343, 373, XXIX, 375, 379; of cause of rain, XXIII, 373; rainbow, 304, 374; of Piasa-bird, XXVI, 122-125; of white-men, XXX, 197. Beaver, in folk-lore, XXVII, 169; buffalo, XV, 117-120, XXII, 243, XXIII, 306-308, 338, 343, XXVII, 266; dogs, VI, 385, XXIII, 343, XXVIII, 159; ermine, XXIII, 374; frogs, 307, 343; giants, 338. Antiquity of legends, XVII, 163.

FEASTS AND DANCES: feasts in general, I, 213, XIII, 290, XXIII, 329, 351, XXIV, 14, 25, XXVIII, 148, XXIX, 298; various kinds, II, 174, 182, 183, 189, XXIX, 198; view of, 227. Dances, plans for, XXIII, 113; in general, I, 196, VII, 128, 137, 138, 143, 148, VIII, 74, XII, 51, XVII, 170, XX, 325, 345, XXII, 246, XXIII, 291-298, 331, 351, 371, XXIV, 14, 29, 30, XXVIII, 148, 151, 269; classified, II, 71, 72, XX, 307, XXIII, 112; bear, XXII, 366; buffalo,

## INDIANS: MYTHOLOGY, FOLK-LORE, AND RELIGION (continued)—

## FEASTS AND DANCES (continued)—

XXIII, 116, 117, 294, 295, 333, 334, 377, XXIV, 30, 31; buffalo imitated, XV, 114, XXIII, 115; personated, XX, 62, XXIII, 47, 326-328, 331, XXIV, 28; calumet-dance, XV, 200; corn-dance, XIII, 135, 256, XX, 308, XXIII, 334-337, 376, 377, XXVII, 30; dog-dance, XXIII, 296; dogs personated, XXIV, 74; medicine-dance, XXIII, 112, 115, XXVIII, 365; night-dance, 88; scalp-dance, XVIII, 72, 125, 132, 133, 165, 199, XXIII, 115, 298, 352, 371, XXIV, 68; war-dance, VIII, 151, 152, XIV, 208, XX, 77, XXVII, 185, XXVIII, 167, 169; Okippe ceremony, XXIII, 324-334, 377, 378, XXIV, 28.

## IV. SOCIAL AND ECONOMIC LIFE

CONDITIONS: effect of climate, XII, 137; time divisions, XVII, 163, 164, XXVIII, 148; reckoning, XX, 335; night-watches, XXIV, 43; names of months, XXIII, 237, 239; Indian summer, V, 255. Individual property, XVII, 169; wealth, XIX, 141, XXVIII, 132; reckoned, VII, 278, XVII, 169, XXII, 327, XXIII, 121, XXVII, 180 (see also Domestic animals: horses, below); poverty, I, 214, VII, 183, XIII, 137, XVII, 40, XXI, 146, 246, 311, 320, XXII, 306, XXIII, 12, 14, 75, XXVII, 248, XXX, 229; dread of wild beasts, XX, 272, XXIII, 44, 347, XXIV, 58, XXVII, 178; importance of buffalo, VI, 116, XV, 246, XX, 264, 332, XXIII, 277, 345, 346; wanton destruction, VI, 108, XV, 282, XXIII, 71. See also Hunting, below.

OCCUPATIONS: in general, II, 38, 39, 88, XVIII, 149, 276, XXIX, 125, 160, 311; mechanical arts, XIX, 333, XXVI, 50; public works, XIII, 347, 348; neglected, XX, 300; occupations of men, VI, 327, XIV, 305, XVII, 160, 162, XXII, 327, XXVIII, 267, XXIX, 97; of women, II, 89, 93, 175, V, 175, VI, 327, XIII, 257, XVI, 205, XVII, 160, XX, 304, XXIII, 16, 19, 20, XXIV, 65, 66, XXVIII, 340 (see also Indians: Women).

Hunting: I, 40, 54, 87, 105-108, 111, 115, 117, 124, 158, 160, 161, 166, 310, 319, IV, 44, 144, 145, V, 57, VI, 327, 339, 340, VII, 157, 158, 280, VIII, 74, 236, IX, 249, 284, XIII, 121, 336, XVI, 267-269, XVIII, 51, XX, 317, XXI, 202, XXVII, 163, 168, 300; methods, II, 73, 132, 133, XIII, 284, 301, XXVI, 234; as hunters, I, 142, III, 68, 69, VI, 307, VIII, 74, XIV, 308, XVII, 154; superior skill, XVI, 270; Spanish name for, XVIII, 373; expeditions, VIII, 191, XIII, 94, XIV, 95, XVI, 128, XVII, 166, 167, XXIV, 61, XXVII, 39, 330, XXIX, 314, 349; views of, 337, 347, 351, 355, 387, 401; for antelope, XXVII, 264; beaver, XXIII, 249; birds, XXIV, 36; buffalo, VII, 215, XX, 265-268, 336, 390, XXI, 200, XXIII, 14, XXIV, 44, 51, XXVII, 213, 350 (see also Bison); deer, VII, 148 (see also Deer); muskrat, XXII, 381; raccoon, XV, 39; reindeer, XXIX, 254; swan, XXI, 336; wolves, XXIV, 15.

Fishing: VI, 248, 249, 323, 327, IX, 249, XXIX, 76; fisheries, VI, 96, 256, XXX, 93; fishing parties, VI, 264, XXI, 345, 346; methods, 265, 365, XXIX, 190; spearing, I, 311, 312; salmon fishing, VII, 135, XXI, 251, 252, 357, XXIX, 186, 275, 282, 283; view, XXI, 259.

Agriculture: II, 187, IV, 89, 103, VI, 401, XVI, 247, 248, XVII, 17, 160, XVIII, 121, XX, 303, 336, XXIII, 90, 235, XXIV, 162, XXVII, 130, XXVIII, 85, 119, XXIX, 89, 90, 131, 185, 186, 191, 200, 203, 220, 301, 307, 322, 381, XXX, 111, 113, 126; products, XVII, 154, XXIII, 120, 238, XXVII, 187 (see also Food, below); time of planting, XXIX, 383; seasons, XVII, 55; women's work, XIII, 339; aided by government, XXVII, 206; implements desired, XXII, 286; sheep-raising, XXX, 237; cattle-herding, XXIII, 90; cotton-gathering, IV, 351. See also Agriculture.

Manufactures: in general, IV, 286, IX, 311, XIII, 257, 258, XIV, 81, XX, 304, XXIV, 165, XXVIII, 131; basket-making, IV, 286, VI, 327, VII, 106, XIII, 137, 258, XIX, 61, XX, 65, XXI, 323, XXIV, 72; blanket-making, VI, 122, 349, 360, XIII, 88, 259, XVIII, 166, 276, 361, XX, 64, XXVIII, 190, 266, 267; canoe-making, II, 74, VI, 327, 328, VII, 111; cloth-making, XVIII, 121; clothing, 360, 361,



XXIII, 103, XXX, 237; cotton, XIX, 295; dressing-skins, VIII, 191, XIV, 301, XXII, 309, 322, XXIII, 11, 110, 200, XXIV, 22; dyeing, III, 334, XXIII, 13, 103, 104, 266, XXIV, 61; moccasin-making, II, 71, 72, III, 264, VIII, 191, XV, 41, XVIII, 41, 276, XX, 326, 328, 345, XXI, 75, 323, 340, 349, XXII, 224, 322, XXIII, 101, 102, XXVIII, 28, 157, 258, 340; molasses-making, 260; pottery, XX, 64, 65, XXIII, 278, XXVII, 102-104, 187; rope-making, XXIII, 107, 353, XXIX, 391; saddle-making, XVI, 56, 57; salt-making, V, 193, XVI, 79, 120, 283, 286, XXVI, 97; sugar-making, XXII, 158; thread-making, VIII, 191, XIII, 258, XVI, 57, XXVII, 258, XXVIII, 253; torch-making, II, 116, XIV, 139, 140; wampum-belts, I, 26; weaving, XIII, 258, XVIII, 361; wool-making, 144.

*Miscellaneous occupations:* digging wells, XVI, 33; as guides, III, 68, 71, XVII, 68, XVIII, 40, 41, 139, 210-215, 219, 220, XXI, 292-294, 309, 351, XXIX, 131, 307; letter-carrying, VI, 349; meat-drying, XIX, 240, XXIII, 217; mining, V, 252, XIX, 263; as oarsmen, VII, 111, XXVIII, 378, 380, XXIX, 67, 152; porters, VI, 307, VII, 126, 127; runners, XVII, 73, 74; sentinels, VI, 113, XII, 51, XV, 108, 109, XVI, 27, XVII, 75; scouts and spies, I, 88, 288, VI, 91, VII, 201, 219, XVI, 149, XIX, 265, 266, XXVIII, 167; swimmers, XXIII, 132. See also Indians: Warfare, Inter-tribal Relations, and Trade.

*Food:* articles enumerated, III, 69, V, 41, 154, 164, VI, 321, 322, 339, 346, 347, 384, VII, 129, 130, 216, VIII, 65, 66, 153, XIII, 259, 323, 326, 336, XIV, 303, 309, XV, 171, 204, 211, 231, XVI, 25, XVII, 156, 168, 169, XVIII, 55, 97, 107, 135, 142, 191, 209, 210, 306, XIX, 290, 293, XX, 66, 264, XXI, 124, 249, 320, XXII, 183, 329, 358, 382, 390, XXIII, 109, 246, XXIV, 78, XXVI, 226, XXVII, 136, 162, 167, 168, 247, 255, 257, 281, 363, XXVIII, 90, 150, 151, 172, 261, 312, XXIX, 93, 125, 148, 172, 190, 196, 197, 203, 220, 223, 253, 285, XXX, 171; bread, XVIII, 94, 95, XXI, 127; cakes, XVI, 218; dogs, VI, 185; fish-oil, XXIX, 148; honey, XXIV, 110; locusts, XI, 158; potatoes, XXIII, 241; prairie-dogs, XXX, 51; vermin, XIV, 305, XXI, 124, XXIX, 222 (see also Lice); wild-rice, XXVIII, 154; dislike horse-meat, XXI, 252, 253; water in winter, XXIV, 61; scarcity of food, VI, 401, XXIV, 61, 88, 91, 97, XXX, 58; fasting, I, 254, VI, 346, XXIII, 322, 325, 328, 331, XXVII, 184; hunger, XXII, 371, 390, 391, XXIII, 202; moccasins eaten, V, 232, VI, 270; cannibalism, II, 114, XX, 332, XXIII, 278, XXVIII, 149, XXIX, 125, 221, 222; food prepared, XIV, 94, XV, 217, XVI, 113, XVIII, 99, XXI, 247, 248; meat butchered, XX, 271; cooking, V, 280, VI, 328, 329, XIV, 279; fuel, XV, 240, 249, XXIV, 78; winter-stores, XXI, 349; caches, V, 134, XIV, 275, XV, 215, XVI, 125, XX, 336, XXI, 357, XXVII, 37; described, V, 134, XXI, 61. See also Religion: feasts, Agriculture, and Hunting above; also, elsewhere, the several articles of food.

*DOMESTIC ANIMALS:* in general, V, 135, VII, 124, XV, 78, 79, XXVIII, 261; buffalo castrated, XXIII, 75 (see also Indians: Conditions — importance of buffalo); cattle, XIII, 183, XIX, 248; dogs, V, 135, 201, 202, VI, 114, 115, 137, VII, 124, 278, XIV, 257, XV, 78, 215, 234, 317, XVI, 119, XX, 274, 335, XXI, 196, 257, 258, 364, XXII, 306, 352, 357, XXIII, 13-17, 20, 21, 71, 76, 95, 123, 124, 274, 370, 387, XXVIII, 261, 266, XXIX, 51; described, XXIII, 20; heads pictured, XXIV, 37; breed, XV, 79, XXII, 310, 318, XXIII, 273; qualities, XXII, 349, 351, XXIII, 202; treatment, 274, XXIX, 221; killed, XXIV, 36; sacrificed, VII, 65, VIII, 153, 157, XIII, 135, 290; purchased from, XXIV, 53. Hogs, IV, 90, XXIX, 301, 322. Horses, VI, 260, 341, XIV, 300, XVI, 272, XXIII, 14, 17, 71, 87, 110, 117, XXVI, 261, XXX, 98, 149, 238; breed, XXVIII, 343; captured, VI, 342, XIX, 183, XX, 261, XXI, 283, XXVIII, 343, 344; marked, XV, 207, 208; fodder for, 215, 216. Poultry, XXVIII, 370. See also Morals (horse-stealing), below.

*VILLAGES AND CABINS:* sites, I, 127, IV, 89, VI, 308, 309, XIII, 135, XXI, 148, XXVII, 99 (see also Indians: Habitat, and the several tribes); villages described, VI, 107, IX, 324, 326, 330, XIII, 324, XXII, 70; compared with frontiersmen's, XIII, 172, XVII, 16-18, 128, 172; burned, XVIII, 191; deserted, VI, 69, 107, 108, XXVII, 37; number of dwellings in, XXI, 285; forts,



## INDIANS: SOCIAL AND ECONOMIC LIFE (continued)—

## VILLAGES AND CABINS (continued)—

XV, 252, 253, XIX, 86-90, XXIII, 42, 43, 183; encampments, IV, 285, V, 120, 121, VII, 206, IX, 126, XIII, 268, XIV, 94, 183, XV, 186, XVI, 20, 26, 27, 196, 247, 248, 262, XVIII, 97, 106, XXIII, 21, 123; deserted, VII, 113, XV, 225, 228, XVI, 53, 101, 240, 247, 252, 260, 285, XXI, 246, 247, XXII, 295, XXIII, 216, XXVII, 148, XXIX, 265.

*Cabins:* in general, II, 187, VII, 111, 112, 295, XIII, 137, XIV, 313, XV, 205, XVIII, 344, XIX, 141, XX, 304, XXIV, 174, XXIX, 285; ruined, XVIII, 155. Wigwams, IV, 137, VI, 378, VIII, 150, 157, XIV, 94, 189, XXI, 75, XXVIII, 58, 59, 132, 139, 156, 209, 252, 369; pictured, XVI, 107, XXII, 319; coverings for, XX, 75, 336, XXVIII, 150; how made, IV, 285, 286, XX, 336, XXI, 146, XXVII, 198, XXX, 156; of grass, XVIII, 191; leather (skins), XIV, 313, XV, 142, XVI, 33, 109, 110, 195, XX, 75, 264, 336, XXII, 284, 285, 314, XXIII, 14, 18, 71, 220, XXVIII, 261, 339; mats, XXI, 145; for a chief, XXIII, 19; ornaments, V, 62, 63; poles for, XVI, 110. Huts, XXII, 276, 277, XXVII, 341, 342, XXVIII, 139, 147, 150, XXIX, 28, 125, 154; pictured, XXIII, 267, XXIV, 37, XXVII, 203; how made, IV, 285, 286, XVIII, 191, XXII, 178, 259; of bark, XVI, 273; boards, XXI, 49, 310, 311; clay, XXII, 335, 349, 350, 356, 357; earth, XIV, 289, XVI, 273, XVII, 150-154, XXVII, 150, XXVIII, 148; deserted, XXIII, 35, 37, 52, 55. Pueblos, XVIII, 73, 155, XIX, 263-265, XX, 62, 63, 69. Hunting-cabins, XXII, 260; fishing, XXIX, 14; travelling-huts, XXI, 225, XXIII, 16. Council-houses, II, 212, VIII, 151. Medicine-lodges, XV, 282, XXIV, 22, XXVIII, 272. Churches, XXVII, 365, XXIX, 273 (see also Churches). Watch-towers, XXVI, 154. Fences, XIII, 325, 330; walls, XXIV, 149, 150. Bridges, XV, 140.

*CANOES:* I, 303, II, 36, 71, 74, 88, 147, III, 19, IV, 284, V, 126, 127, VI, 244, 290, 327, 328, 331, VII, 66, 85-87, 103, 111, 176, 241, 280, VIII, 35, XI, 263, XIII, 320, 321, XV, 195, XVIII, 284, XXI, 283, XXII, 236, XXIII, 191, 221, 244, 276, XXVI, 60, XXVII, 338, XXVIII, 154, XXX, 119. See also Transportation: Water.

*FURNITURE:* in general, XIII, 137, 173, XXVIII, 131, 132, 136, 137; beds, II, 187, XIII, 137, XXI, 145, XXIV, 40, XXVII, 199; picture of, XXIII, 267; bed-clothes, VII, 282, VIII, 63, 153, XV, 26, XXI, 124, 338; benches, XXIV, 40; couches, XXII, 225, XXIII, 136, XXIV, 32, XXVIII, 59; cradles, II, 98, XXII, 321, XXIII, 21; mats, VI, 327, VII, 285, 295, VIII, 204, XV, 204, XVIII, 113, XXI, 145, 310, 323, XXVII, 199, XXVIII, 316, 357; materials for, VII, 106, XIII, 258, XXI, 323, XXVIII, 340, 357, XXIX, 17.

*IMPLEMENTS:* of stone, XIV, 77, 78, XXVII, 100; skins, VI, 380, XIII, 86, 87, 259, XIV, 197, XVI, 111, 112; culinary utensils, I, 114, 118, VI, 328, VII, 280, XV, 204, 205, XXII, 322, XXIV, 40, XXIX, 285, 286; bottles, XIII, 86, 87, 259; bowls, VIII, 65, 66, IX, 138, XV, 72, XXI, 124; buckets, XV, 26; cups, XIV, 118; pictured, XXIII, 105; dishes, VI, 328, VIII, 65, 66, XX, 296, XXIV, 28, 29, 386, 394; kegs, VIII, 74; kettles, VII, 103, 141, XIV, 190, XX, 296, XXVIII, 261; ladles, XX, 296; meat-drying scaffolds, XXIII, 217; mills, XIV, 135; pestles, XVI, 113, XXII, 97; plates, VI, 328, 360, XXIX, 386, 394; pottery, VI, 107, IX, 137, XIII, 67, 78, 102, 115, 226, XIV, 81, 83, 116, 117, XV, 76, XVIII, 104, XX, 64, XXVI, 69, 97, 98, XXVII, 99, 102, 103; soap, XIX, 298; spoons, VI, 360, VIII, 66, XV, 72, XX, 296, XXIII, 220. See also Manufactures, above.

*Tools:* adze, XXVIII, 87, 267; agricultural implements, 139, XXIX, 381; pictured, XXII, 175; hatchets (see also Weapons, below); hoes, V, 175, XV, 204, 216, XXVIII, 139, XXIX, 381; knives (see also Weapons, below); root diggers, XXIII, 109; wedges, VI, 329.

*Miscellaneous:* bells, XVI, 204; bridles, VI, 341; camp-equipage, XXVIII, 329; fishing-implements, VII, 277, XXVII, 375, XXVIII, 158, 355; lassos, XIX, 183; looking-glass portrayed, XXIII, 267; needles, XV, 178; rafts, XIII, 332; saddles, V, 143, 144, VI, 341; sleighs, II, 112, XXIII, 14, 15,

20, 70, 104, XXIV, 72, XXVIII, 157, 158; snow-shoes, XXII, 386, XXVIII, 157, 158, XXIX, 254; targets, XIII, 325; traps, 331; pictured, XXII, 107; whips, XV, 78, XXXI, 19.

**CLOTHING:** in general, VI, 251, 325, 326, 339, VII, 216, VIII, 151, XII, 51, XIII, 137, XVIII, 165-167, 209, 306, XX, 65, 304, 341, 346, XXI, 122, 123, 350, XXII, 178, 218, 223, 224, 271, 273, 284, 341, 344, XXIII, 21, 131, 171, XXIV, 56, 58, 67, 162, 182, XXVII, 172, 288, XXVIII, 132, 151, 171, 261, 262, XXIX, 16, 125, 160, 214, 283, 284; price, XX, 66; of chiefs, VIII, 66, XIX, 223, XXIII, 88; of warriors, 204; of men, XVI, 205; of women, 204, XIX, 142, XX, 65, XXVIII, 171; of children, 87; for summer, XXIII, 203; winter, 202; made of cloth, XVIII, 210; of fur, VI, 131, VII, 106, 281, XIII, 325, 332, 333; of skins, I, 32, VII, 106, 137, 281, XVIII, 95, 98, 120, XXI, 349, XXVIII, 171; blankets, VI, 360, XIII, 259; prices, 88, XX, 71, XXX, 235 (see also Manufactures: blanket-making, above); chemise, XVIII, 360, XXVII, 173; cloaks (tilma), XVI, 205, XX, 39-41; coats, XVI, 233, XXVIII, 329; dresses, VII, 106, 281, XI, 263, XIII, 258; mantles, 323, XX, 64, XXVII, 200, 201; petticoats, VI, 325, 326; rain-coats, 326, 327; robes, VII, 137, XIV, 239, XV, 208, XVIII, 95, 98, 120 (see also Ornaments, below); saco (jacket), XX, 65; shirts, IV, 293, VIII, 67, 68, XXVIII, 157; war-cloaks (chemal), VII, 104; uniforms, XXIII, 124, 127, 161, XXIV, 72, 74.

**Accessories to dress:** aprons, VIII, 103; breech-cloths, XIII, 126, XIV, 195, 316, XV, 67, XVI, 117, 205, XXII, 352, XXIV, 98; girdles, XIV, 195, XX, 66, XXII, 224, 360, XXIII, 103, 369, XXIV, 162; gloves, XXIII, 202; hose, XX, 125, XXVIII, 157; leggings, IV, 293, VII, 137, XXVIII, 148; mittens, VII, 282, XXVIII, 158; moccasins (shoes), I, 308, II, 71, 72, III, 264, IV, 285, 293, V, 65, VI, 98, 251, VII, 281, IX, 312, XIII, 126, XIV, 195, 197, 258, 313, XV, 80, XVI, 204, 205, XVIII, 167, XX, 65, 345, 346, XXI, 323, XXII, 325, 375, XXIII, 30, 31, 75, 246, XXVII, 200, XXVIII, 132, 148, 171, 259, 261, 315, 329, XXX, 135, 139, 151; materials for, V, 82, VI, 203, VIII, 103, 155, 191, XV, 117, XVIII, 95, 108, 118, 164, 220, XXII, 285, XXIII, 30, 246, XXVII, 133, 172; purchased, IV, 295, V, 164; prices, II, 72, V, 164, XXII, 378, XXIII, 31; worn out, XVIII, 105; repaired, V, 178, XV, 13, XVI, 258; worn by whites, XIII, 79, 109, XIV, 184, XXIV, 24, XXVII, 55, XXVIII, 171, 175; by horses, XVIII, 50, 56; Indians barefoot, XXIII, 19; scarfs, XVIII, 360, XXIV, 182, XXVII, 251; vests, XVI, 117, XXVIII, 329.

**Hair and Head-dress:** head shaved, XIII, 125, XXI, 122, 145, XXII, 178 (see also Physical characteristics, above); hair-dressing, XVI, 203, XX, 336, 337, 345, 346; pictured, XXII, 287; wigs, XI, 286, XXIV, 47. Head-dresses, IV, 293, XX, 328, XXII, 221-223, 325, 329, 370, 388, XXIII, 13, 15, 19, 70, 73, 98, XXIV, 17, 47, 106, 112, XXVII, 200, XXVIII, 262. Caps, XXIV, 112, XXVIII, 148; on scalped head, XXIV, 28, 29; made of feathers, XXII, 273, 274, 352, XXIII, 112, 232, 261, 289, XXIV, 52, 67, 74, 76, 78, 79; of fur, VII, 282, XXIII, 13, 15. Hats, VI, 327, VII, 104, XXIII, 155, XXIV, 22, XXVII, 173. Turbans, XI, 211.

**ORNAMENTATION:** in general, IV, 271, VI, 326, VII, 281, VIII, 151, 152, XIV, 95, 190, 196, 271, XV, 72, XVI, 204, 220, 233, 234, XVIII, 43, 44, 61, XX, 345, 346, XXII, 222-225, 307, 321, 325, 342, 343, 352, 359, 360, 388, 389, XXIII, 15, 17, 19, 21, 22, 49, 75, 99, 101, 103, 104, 108, 118, 119, 122, 131, 144, 150, 155, 158, 163, 327, XXIV, 53, XXVII, 163, 172, 173, 200, XXVIII, 343, XXIX, 240, 391-394; love of, XX, 330.

**Painting the body,** IV, 293, VIII, 45, XIV, 235, 236, 274, XVI, 220, 221, 234, XVIII, 115, 132, 164, 207, XXI, 122, 124, XXII, 223, 268, 271, 272, 325, 329, 388, XXIII, 116, XXIV, 17, 51, 52, 74, XXVII, 163, 172, 173, 200, XXVIII, 148, XXIX, 385, 390; tattooing, II, 85, XX, 129, 329, 341, XXII, 286, 325, 371, XXIII, 13, 98, 202, 220, XXVIII, 151, 157, XXIX, 385, 390, 393; painting the face, VI, 329, VII, 137, 288, XII, 51, XIII, 320, XIX, 142, XXII, 178, 228, XXIII, 13, 15, 19, 115, 121, 126, 131, 141, 143, 152, 158, 168, 204, XXVII, 49, 67, XXVIII, 167; use of ointment, XV, 71.

**Armlets,** VI, 264, XIV, 95, 310, XX, 330, XXII, 359, XXIII, 202; bells, XX, 346; "crow," XIV,

## INDIANS: SOCIAL AND ECONOMIC LIFE (continued)—

## ORNAMENTATION (continued)—

235; earrings, IV, 285, XIII, 127, XIV, 95, 196, XVI, 205, 234, XX, 330, XXI, 123, 145, 246, XXII, 222, XXIV, 106, 112, XXIX, 160; fans, XV, 56, XXII, 343, XXIII, 102, 108, 327, XXIV, 47; feathers, VIII, 66, XIII, 321, XVI, 220, XVIII, 44, XX, 125, XXIII, 361 (see also Caps, above); lace, XIII, 247; masks, VIII, 157, XIII, 290, XXIII, 325-328, XXIV, 18, 79, XXVI, 78; necklaces, VI, 121, 264, XV, 71, XVI, 46, XVIII, 43, 166, XXI, 123, XXII, 224, 325, 360, 371, 389, XXIII, 100, 249, 261, XXIV, 52, XXVII, 162, XXIX, 160, 392, 393; nose-rings, XIII, 127, XX, 330; rings, XIII, 127, XV, 21, XVI, 116, XXI, 246, 272, XXII, 225, XXIII, 258, XXVII, 172.

Ornaments made of beads (wampum), I, 25, VI, 264, 326, VII, 137, 281, XIII, 125, 127, 249, 250, XIV, 196, 277, XVI, 206, XVIII, 166, XXII, 222, 271, 307, 325, XXIV, 106, 112, XXIX, 394; brass, XV, 21, XVI, 116, XXII, 224, 225, XXIII, 258; claws, VII, 277, XVI, 46, XVIII, 43, 166, XXIII, 249, 261, XXIV, 52; cloth, XXVII, 173; copper, VI, 264; nacre, XVI, 205; quills, III, 264, VII, 137, 282, XVIII, 166, XXIII, 49; scalps, XIV, 190, XV, 160, 163, 164, 205, XXII, 318, 326, 327, 349, XXIV, 79, XXVII, 207, XXVIII, 148, 169, XXIX, 390; shells (haiqua), VI, 326, VII, 137, 280, 281; silver, VIII, 66, XIII, 137, 249, 250, XIV, 196, 277, 310; teeth, VII, 277, 281; tin, XIV, 196.

DECORATION: artistic skill, XXIV, 72; color-taste, XVIII, 45, XXIII, 103; paintings, XVII, 14, 15; on tents, XXIII, 104, XXIV, 97; on robes, V, 134, VI, 146, VII, 277, XIII, 246, XIV, 239, XV, 149, 208, 209, XXII, 321, 345, 346, 352, 358, 360, 389, XXIII, 102, 261, XXIV, 66, 72, 98, XXIX, 392 (see also Indians: Language—picture-writing); on scalps, XXIII, 328, 351; carvings, VI, 35, 146, 328, 333, VII, 104, 111, XIII, 344, XIV, 96, 97, 136, 147, XVI, 56, XVII, 164, XVIII, 372, 379, XXII, 236; on war-clubs, XXIV, 28; vases, XXII, 221 (see also Manufactures—pottery, above); embroidery, IV, 295, V, 137, VIII, 66, XV, 72, XX, 71, XXII, 321, 325, 352, XXIII, 369, XXVII, 200; other decorations, XIII, 321, XV, 73, XXIII, 75; church adorned, XVIII, 280.

WAMPUM: made of shell, I, 197, II, 83, XXII, 222, XXVII, 306; belts described, I, 30, XX, 323; various uses, I, 25, 197, II, 83, 84, 113, 114; importance of, I, 25, 236, XIII, 239; in negotiations with Indians, I, 27, 71, 105, 111, 123, 155, 161, 210, 236, 248, 250, 251, 306, 309, 311, 315, 317, II, 84, 113, XXVIII, 169; to accredit a messenger, I, 31, 38, 193, 197, 239, 249, 251, 255, 259, 317; to enforce a request, 19, 35, 41, 42, 59, 64, 66, 68, 90, 92, 93, 118, 121, 161, 235; to confirm a statement, 36; as proof of good faith, 19, 20, 29, 77-80, 104, 165, 166, 221, 265, 283; as assurance of sympathy, 38, 65; as proof of friendship, 29, 30, 33, 34, 37, 63-65, 111, 116, 119-122, 156, 199, 218, 236, 257, 262, 264, 266; in making treaties, 30, 35, 36, 43, 115-117, 154, 157, 160, 198, 204-208, 219-221, 239, 243, 260-266, 270, 274-276, 285, XX, 323, XXVII, 305, 306, XXVIII, 148; war-belts, I, 307; black a sign of hostility, 69; white, of peace, 239, 248, 276; treatment breaks treaty, 60, 256, 313, 314; belts kept many years, 309; in medicine bag, XV, 80, 81; as an offering, XXVIII, 210; in Indian legend, XXIII, 308, 309; used as money, I, 24, 227, 279, 280, XVII, 169, XX, 335; haiqua-shells as, VI, 326, VII, 109, 110, 154, 277; beaver-skins as, 109, 110. See also Ornamentation, above.

PIPES (CALUMETS) AND SMOKING: pipes described, II, 83, XXII, 271, 273, 343, 391, XXIII, 16, 108, XXVIII, 168, 169; pictured, XXII, 175, 323, 361; materials for, V, 107, XIV, 78, XV, 74, XXII, 271, 391, XXIII, 220, 274, XXVII, 227; made of wood, XXII, 178, 363; decorations for, VI, 58, XXIII, 22, 134, XXVII, 306; tomahawk pipes, XII, 52; lighting stick, XXIII, 113, 122; reverence for, XVI, 212, XX, 321, 322, XXVIII, 168, 169; sign of peace, I, 105, 120, 145, 146, 157, 238, 239, 262, II, 83, VI, 60, 245, VII, 136, 137, 143, 212, 242, 258, 274, 275, 278, 285, XII, 52, XIII, 362, XIV, 315, XVI, 219, 220, 233, 234, XVIII, 120, XIX, 233, XX, 126, XXI, 152, 153, 245, XXII, 343, XXIII, 139, XXVII, 151, 152, XXVIII, 148, XXIX, 236, 364, XXX, 41; fond-



- ness for smoking, XVI, 212; customary practice, V, 111, VII, 124, 128, 138, 148, XIV, 240, 241, XV, 108, 347, XXII, 228, 257, 309, 371, XXIII, 19, 70, 124, 144, 154, 202, XXVII, 197, 200, 247, 291, 351; women smoke, XIV, 267, XV, 38; ceremonial uses, XIII, 346, XVII, 162, XXVII, 306, 393; universality, XVI, 116; ceremonies employed, VII, 121, XVII, 163, XVIII, 40, XXIII, 108, XXIV, 29, XXVII, 136, XXVIII, 172, XXIX, 403; bearers, XXVIII, 268, 269, XXIX, 339; used in worship, VI, 109, VII, 110, XIII, 239, 340, 344, 346, XV, 116, XVIII, 60, 195, 196, XXVII, 202, 208, 306, XXVIII, 210, 268, 269, XXIX, 382, 386, 389, 403; tobacco offered, I, 306; smoking at festivals, XXIII, 108, 391, 392, XXIV, 41, XXIX, 339, 340; at burials, XXVII, 166; fortunes told by, XXIII, 352; used in councils, I, 104, 154, 202, II, 113, VII, 150, XV, 24, 335, 336, XVIII, 198, XIX, 197, XX, 107, 126, XXII, 285, 352; by embassies, XV, 102, 103, 105; seals treaty, I, 146, 147, XVIII, 49, 70, 115, 208-210, XX, 86, XXIII, 108, 232, XXVII, 278; sign of friendship, I, 313, 316, VII, 141, 157, XVI, 266, XIX, 224, XX, 126, XXVII, 171; of hospitality, V, 178, 182, XV, 38, 112, XVI, 194, 215, XXVII, 362, 363; flag of truce, XX, 321; refusal to smoke breaks peace, VII, 127, XIV, 262, XXVII, 280, XXIX, 343; war-calumets, II, 113, 114, XXII, 391, XXIV, 74; used in trade, XXI, 254, 262; confer distinction, XXIII, 349; as present, I, 158; buried with dead, VIII, 153; superstitions regarding, XXIII, 339, 381, XXVII, 293, XXIX, 377; carried by Keokuk, XXII, 225, 227; origin of tobacco legend, XXIII, 307; pipe stolen, XV, 109, 110; vow to abstain, XVI, 220. See also Tobacco.
- WARFARE:** in general, III, 157, 185, 193, 224, 225, 227, 340, IV, 278, VI, 330, 331, 394, VIII, 106, 265, XI, 182, XVI, 208, XVIII, 330, XIX, 66, 270, XXII, 275, 302, XXIII, 84, XXVI, 133, 143, XXVIII, 71, XXX, 45. See also Wars.
- Weapons:** in general, V, 170, VI, 331, XVIII, 122, 165, 330, 376, 377, XXII, 273, 274, 346, 359, XXIII, 15, 19, 103, 119, XXIV, 80, XXVI, 51, XXVII, 92, 167, 197, 198, XXVIII, 86, XXX, 59, Arrows, I, 307, 312, VII, 266, XIV, 204, 205, 315, XVIII, 13, 101, 102, 134, 135, 141; dexterity with, XIV, 298, 299; how made, XVIII, 376, XXI, 76; arrow-heads, V, 174, XIV, 81, 162, 212, XXVI, 51, XXVII, 100; how made, XIV, 212, XXII, 244; material for, XIV, 212; bone, XVIII, 376; iron, VII, 256, XXIX, 397; stone, XIV, 77, 162, XVIII, 164, 201, 377, XXII, 200. Bows and arrows, II, 116, 188, V, 105, VI, 120, 331, VII, 105, 138, 191, 230, 255, 297, 300, 301, XI, 263, XIII, 175, 320, 332, XV, 22, 159, XVI, 62, 63, 212, 221, 234, 272, XVII, 153, 158, XVIII, 55, 164, 165, 207, XIX, 223, XX, 66, 265, XXII, 178, 224, 246, 289, 292, 293, 389, XXIII, 103, 204, 346, XXIV, 70, 163, XXVIII, 158, XXX, 59; expert use, XX, 122; invention of, XXI, 76, 77; how made, XVIII, 164, 201; as equipment, XIV, 297, XV, 80, XVI, 113, 114, XVIII, 44, 47, XIX, 206, 235, XX, 265, XXI, 219, 262, 263, XXII, 268, 346, 349, 359, 371, XXIII, 15, XXIV, 51, 52, 74, XXVIII, 86, 87; as offering, XXVII, 166; present, V, 172; emblem of life, XXVII, 131; pictured, XXII, 287. Bows, I, 312, VI, 57, VII, 255, XIX, 150; material for, III, 274, XVI, 171, XVIII, 141, XX, 254, XXVII, 257; how made, V, 170, XIV, 241, XXI, 76, XXII, 186, XXIII, 119; ornamented, XV, 205, XXIII, 144, XXIV, 41; as equipment, 66; price, V, 170. Battle-axes, XIV, 301, XXII, 346, 359, 366, XXIV, 67, 80, XXVII, 131; pictured, XXII, 361. Breastplate, VIII, 66. Daggers, XXIII, 75; pictured, 105. Darts, XXIX, 254; pictured, XXIII, 285. Hatchets, see Tomahawks, below. Knives, III, 193, IV, 263, 284, VI, 290, VII, 105, 169, 300, 301, VIII, 68, 70, 72, 224, XI, 184, XIII, 357, XVII, 23, XXI, 122, 123; for scalping, XV, 80, XVI, 212, 221, 272, XXVIII, 148; made of flint, XXII, 174. Lances, VII, 255, 300, XVI, 212, 234, 272, XVII, 153, 158, XVIII, 377, XIX, 273, XX, 66, 267, XXII, 224, XXIII, 19, 119, XXIV, 47; described, XXVIII, 85, 86; used for display, XXIII, 19; in dance, XXIV, 41, 42; in legend, XXIX, 376; prices, XXIII, 297. Lassos, XX, 268. Potumagon (sabre), VI, 291, 331. Quivers, VII, 173, XV, 205, XXII, 268, XXVII, 173; material for, XXII, 360, XXIII, 354; how made, XXII, 308; ornamented, XXIV, 41, 66. Shields, V, 105, 170, VII, 300, XV, 158, 205, XVI, 212, 234, XVII, 153, XVIII, 47, 66, XXIII, 161, XXVII, 131; materials for, V, 113, XIII, 320, XV, 164, XX, 66; how made, V, 113, VII, 104, 105, XIII, 320, XXIII, 119; dec-

## INDIANS: SOCIAL AND ECONOMIC LIFE (continued)—

WARFARE: *Weapons* (continued)—

orated, 19, XXIV, 79. Slings, XVI, 207, XVIII, 130. Spears, I, 312, II, 59, 90, 107, 116, V, 46, VII, 301, XIV, 315, XVI, 218, 219, 221, XVIII, 66, 174; heads, XXVII, 100; ornamented, XVI, 220. Targets, XIII, 325. Tomahawks (hatchets), I, 228, 270, 304, 312, 317, II, 90, 107, 110, III, 193, IV, 154, 263, 284, V, 91, 177, 202, 203, VI, 264, VII, 105, VIII, 223, XI, 157, 184, 211, XIII, 123, 249, 252, 351, XIV, 205, XV, 30, 93, XVI, 101, 212, 221, 272, XXI, 122, XXII, 307, XXVIII, 148; described, XXII, 224, XXIII, 357; as equipment, XI, 100, 221, XV, 221, XVIII, 37, XXI, 219, 329, 330, 332. War-clubs, V, 116, VI, 57, 290, 307, VII, 105, 301, XI, 263, XIV, 205, 265, XV, 159, XVI, 212, 221, 272, XVII, 153, 158, XVIII, 207, XXIV, 28, XXVIII, 260; pictured, XXII, 269, XXIII, 355, XXIV, 25; how made, V, 170, 171, VII, 306, XV, 74, XXII, 224, 322, XXIII, 75; ornamented, XV, 73, XXIV, 28, 41; as equipment, XII, 173, XIV, 297, XV, 80, XVIII, 44, XXII, 346, XXIV, 74; as booty, XXIII, 119; as present, XXII, 285; used in dance, XXIV, 41, 42.

Fire-arms — ignorance of, XXI, 329, 330; fear, XVIII, 191, 197, XX, 140; obtain from traders, II, 42, XII, 192; ammunition, I, 160; use of, III, 135, IV, 263, 284, VI, 312, VII, 103, 105, 138, 151, 173, 300, 301, VIII, 69, XVI, 272, XVIII, 66, XIX, 227, 230, XX, 267; powder-horns, XXIII, 103; marksmanship, IV, 46, XX, 121, 122, XXIII, 109.

WAR CUSTOMS: in general, II, 55, 113-116, XXVII, 164, 182; paths, XVI, 225; war-parties, V, 48, 49, 72, 91, 113-115, 126, 127, VII, 266, XV, 92, 100, 224, 253, XVI, 129, 218-220, 232, XXI, 57, XXIII, 196, XXVII, 163; described, XXI, 86, XXIII, 14, 15; equipment, II, 106, XVI, 209, XVIII, 207, XXI, 76, XXIX, 360; squaws with, XVI, 233, XX, 85; methods of fighting, I, 230, 231, VIII, 229, XV, 33, 88, 89, 94, XVII, 153, 158, XVIII, 43, 44, 72, 199, 377, XXI, 34, 71, 77, 103, XXII, 245, XXVIII, 204; no quarter, VIII, 272; spare warriors, XX, 317; stratagems, II, 57, 59; defenses, VIII, 272, XIII, 303, XVI, 129, XXIII, 350, 351; poisoned arrows, XXVIII, 181; tomahawking, XII, 51; scalping, I, 223, 230, II, 58-60, V, 172, VIII, 210, XII, 51, XIII, 240, XVIII, 53, 139; scalps preserved, I, 189, 190, XV, 85, XXIII, 351; as trophies, VIII, 224, XIV, 287, 315, XV, 16, 29, 30, 82, 93, 95, 97, 160, 253, XVI, 220, XVIII, 43, 44, 60, 132, 139, 163, 199, XX, 77, 103, 320, 350, XXI, 88, 214, 242, 295, 330, 332, 354, XXIII, 23, 95, 118, 149, XXIV, 65, 102, 104, XXVII, 67, 163, 164, 173, 398, XXVIII, 151, XXIX, 242; bounties for, I, 204, XX, 82, 83 (see also Ornamentation, above); scouting, I, 257, II, 55-57; war-whoops, 70, VII, 100, 187, 260, VIII, 173, 307, XII, 51, XIII, 180, XIX, 230, XXI, 193, XXVIII, 148; victory celebrated (see Dances, above, and Singing, below); feats proclaimed, XV, 82; treatment of slain, 82, 98, XVIII, 94, 129, 137, 166, 167, XXIII, 149, 150, 160, 384, XXIX, 332; of captives, I, 76, 190, 191, 254, II, 56, 108, 182, IV, 205, V, 45, VIII, 210, 352, XI, 157, 220-222, XII, 67, XIII, 331, XV, 98, 153, XVIII, 43-46, 55, 80, XX, 320, XXII, 258, XXIII, 278, XXVI, 215, XXVII, 164, 186, 187, XXIX, 242; torture, I, 315, 316, VIII, 199, XIII, 252, XXIII, 118; adoption, I, 312, XXVIII, 151; ransom, XIII, 189, XXIII, 75; rescue, XVIII, 57; running the gauntlet, II, 182; sacrificed, XV, 152, XXVI, 77 (see also Cannibalism, above, and Slavery, below).

PEACE: ceremonies, I, 76, 85, 86, 264, 314, II, 45, 46, 83, XVIII, 114, 115, XXVII, 306; indemnities, XVIII, 67, 69, 71; envoys, I, 19, 72, 87, 302, 303, XI, 209, XV, 101, 102. See also Treaties.

SLAVERY: captives become slaves, II, 116, 117; own slaves, I, 304, 309, VI, 58, 61, 292, 324, 332, 333, VII, 103, 107, 111-113, 191, 302, VIII, 66, 73, XX, 303, XXI, 340, XXIII, 118, XXVII, 171, XXVIII, 121, XXIX, 124, 125, 149, 242, XXX, 111, 161; treatment, XXIX, 124, 125; traffic in, VII, 103, 107; ransomed, VI, 292; Indians enslaved, XIII, 303, 359, XIX, 104, 112, 261, 262, 344, XXVIII, 249; own negroes, 121, 124 (see also Negroes).

GOVERNMENT: in general, VI, 329, 330, VII, 276-279, XIV, 191, XVII, 161, XX, 315, 317, XXVIII,



120, 123, 124, 127, 129, 133, 136; inadequate, XIV, 313; confederacies, V, 52, 279, VIII, 271, XXVIII, 120. Chiefs, VI, 329, 331, VII, 100, 103, XX, 296; how chosen, XIII, 131, XXI, 359; insignia, VII, 277, XX, 125; powers, VI, 329, XIV, 316-321, XVI, 200, 201, XVII, 165, 166, XXVII, 172; tribes named for, XIII, 353; disclose insurrection, XIX, 264; visit Washington, XII, 48, 49, XXII, 32; relations with president, XVI, 275, 277; degraded from office, XII, 49; other magistrates, 48, 52, XIV, 297, XXIII, 88.

*Councils:* V, 222, VII, 151, 157, VIII, 67, 151, 152, XIII, 183, XV, 102-106, 203, XVI, 196-200, XIX, 197; site, XXII, 134; house, II, 212; pictured, XIV, 238, 246; powers, I, 77, 78, VII, 279; ceremonies, I, 69, 202, II, 189, 211, 212, 217, VI, 112, 113, XII, 51, XIII, 344, XIV, 291-293, 297, XVII, 160-162, XVIII, 114, 115, XXIV, 181; Iroquois at Onondaga, I, 31, 35, 60, 61, 224, 225; intertribal, 241, XIII, 191, 192, 236, 247, 277, XIV, 229, XVII, 12; French-Indian, I, 59, 76, 79, 142, 204, 209, 210; English-Indian, 28, 110, 111, 206; at Carlisle, 84; Detroit, 115-122, 154-166; Easton, 180, 264; Fort Allen, 187; Fort Cumberland, 98; Fort Duquesne, 204-208; Fort Miami, 317; Fort Ouiatonon, 146; Illinois, 158; Kuskusking, 27, 196-199, 218-226, 250, 255, 259-269, 273-277; Logstown, 28-43, 58-69, 76-79, 91, 94; Loyalhanna, 243; Maumee River, 306, 307; Niagara, 160; Pittsburg, 283; Sawkong, 200, 279, 280; United States with Arikara, VI, 120; Iowa, XIV, 230; Kansa, 176-178, 188; Missouri, 236, 239, 240; Omaha, 258; Osage, XIII, 248, 282; Oto, XIV, 230, 236, 239, 240; Quapaw, XIII, 119; Pawnee, XIV, 12, 18, 244, 247, 261, XV, 143, 145-149, 155-157, 162, 163, 347; Sauk, XIV, 314-317; at Council Bluffs, XXII, 275; with fur-traders, VII, 141, XV, 282; Mormons, XXIX, 371. See also *Treaties*.

*Justice and punishment:* ideas of justice, VI, 330, XIII, 189, XX, 315; laws, V, 177, VII, 213, 258, XI, 182, XVII, 161, XX, 310, XXI, 350; obedience to, IV, 286, 287; penalty for adultery, II, 130, V, 178, XX, 343, 344, XXVII, 308; for incest, XX, 295; murder, IV, 287, V, 177, VI, 330, VIII, 74, XIII, 189, 190, XVII, 40, XX, 315, 343, XXI, 360; atonement, XXIII, 159; for sorcery, XIII, 239; theft, 190, 191, XX, 315, XXVII, 141; restitution, VII, 213, XXIX, 361; whipping, XIV, 247, 260, 261, XV, 353, 354, XVIII, 177, XX, 315, 343; death, IV, 287, V, 177, VII, 287, XIII, 239, XX, 295; method, II, 182.

*MORALS:* in general, V, 177, 178, XXIX, 124, 155, XXX, 238; licentiousness, V, 61, 180, VII, 101, 132, XVI, 208, XXII, 354; treatment of aged, II, 110, 111, XXVII, 164; of idiots and insane, VI, 141, XXVI, 283, XXX, 238; poisoning, V, 85, VI, 82, XIV, 318; suicide, XV, 27, XXII, 35, XXIX, 124; sorcery, XIII, 239; murder, II, 153, VI, 343, 344, VII, 137, 258, 259, 266, 267, VIII, 324, XVII, 21, XXI, 196, XXII, 335, XXIII, 232, XXIV, 92, XXVIII, 170; robbery, III, 45, IV, 369, VI, 45, 50, 283, VII, 197, 198, 217, 266, XIV, 247, XVIII, 13, 111, XX, 76, XXI, 354, XXIX, 361; theft, propensity for, XVI, 109, 273, XIX, 227, XX, 129, XXIX, 224, 288, 361, XXX, 60, 96, 119, 224, 227, 228, 238, 241, 257, 261; device for, 209; stealing, I, 117, V, 176, VI, 306, 325, 344, VII, 100, 124, 125, 130, 153, 160, 193, 195, 197, 212-217, 224, 255, 259, XIII, 14, 94, 255, 256, XV, 351, XVII, 23, XVIII, 39, 111, XXI, 257, 267, XXII, 266, XXIII, 75, 87, 160, XXIV, 47, 57, 69, XXVIII, 150, 360; horse-stealing, VII, 130, 215, 224, XIII, 240, XIV, 200, 276, 277, XVI, 207, XVII, 23, XVIII, 120, 190, 193, 194, XXII, 310, 327, 391, 392, XXIII, 96, 123, 164, 205, XXVII, 180, XXIX, 361, 411, XXX, 40, 41, 137; methods, XXIV, 103.

*LIQUOR AND INTOXICANTS:* name for whiskey, XV, 50; how made, 99; use of intoxicants, II, 47, 76, 85, 86, VI, 93, VIII, 71, 74, 238, IX, 250, XV, 50, XVI, 217, XVII, 167, 168; fondness for, XIII, 94, XX, 75, 76, 307, 342, 343, XXIII, 73, 134, 142, 155; drunkenness, I, 185, II, 40, 47, 86, 87, 93, 100-110, 115, 130, 142, 149, 150, 183, 184, IV, 263, 283, VIII, 10, 68-70, 72-74, XII, 49, XIII, 135, 136, 193, XIV, 270, XV, 49, XVIII, 147, 370, XX, 312, XXIV, 112, XXIX, 224; effects, XX, 298, XXII, 258, XXIV, 112, XXIX, 100; sale forbidden, I, 41, XIV, 270, XXII, 254, XXIX, 100; temperance among, XXVIII, 263, 264. See also *Liquors*.

## INDIANS: SOCIAL AND ECONOMIC LIFE (continued)—

**COURTSHIP AND MARRIAGE:** in general, II, 173, 174, VI, 331, 332, XX, 313; marriage customs, XVII, 169, XX, 295, XXVIII, 157, 308, 309, XXIX, 124; laws, VII, 281, 283; elopements, XIV, 305, XV, 79, XVI, 57, 196, XXIII, 137; marriage relation, XXVII, 311, 312, 331; marital affection, XVI, 57; polygamy, II, 132, 151, VI, 332, VII, 103, 278, 280, 281, XII, 52, XIII, 188, 249, XIV, 193, XVI, 283, XVII, 169, XX, 294, 295, 310, 339, 344, XXI, 359, XXII, 327, XXIII, 278, XXVII, 311, 331, 357, XXVIII, 157, XXIX, 124, 277, 325, XXX, 237; abrogated, XXIX, 325; wife-purchase, VII, 107, 200, 284, 285, XX, 295, XXIII, 110, 203; prices, VII, 285, XXIII, 203, XXVIII, 257; marriage-presents, VII, 284, XIII, 125; Christian marriage-rites, XXIX, 128, 256, 300, XXX, 237; berdashes, XXIII, 283; intermarriage with whites, I, 178, 318, VI, 395, XV, 27, 54, 55, XIX, 344, XX, 129, 346, XXI, 201, 299, 315, 345, XXII, 306, 336, 378, XXIII, 203, XXIV, 12, 16, 183, XXVII, 299, 388, XXVIII, 71, 121, 252, 257, 287, 308, 309, XXIX, 17, 18, 25, 65, 367, XXX, 74, 174, 180, 193, 222; with negroes, XIX, 126; squaws loaned to friends, XXIV, 30, 40.

**WOMEN:** beauty, XXI, 283; loquacity, VIII, 68, XVI, 211; dexterity, XXI, 225; treatment, II, 89, 174, 175, V, 109, VIII, 152; duties, XIV, 267, 270, 273, 308, 309, XIX, 227, 228, XXI, 345, XXVII, 300, XXVIII, 86, 87, 267, XXIX, 97, 98, 221, XXX, 111; wages, XXIII, 110 (see also Occupations, above); lice-eaters, XVI, 201, 202; travelling, XIX, 223, 224; care of, VII, 258, XV, 92, 94, XXIII, 232; sold for brandy, 109; fear drunkards, VIII, 70, 72; intoxication, XIX, 143; scalped, XVI, 220; met by Buttrick, VIII, 64, 65, 68; by Farnham, XXVIII, 235, 236, 239; seclusion of, XVII, 170; ease in childbirth, II, 96, 98, 138, 188, XXI, 345; property rights, XXIII, 110; white woman as squaw, XI, 174.

**CHILDREN (PAPOOSES):** VIII, 68; size of families, XVI, 283; sons preferred, II, 175; parental affection, 96, 97, XVIII, 59, 60; care of children, II, 97, XIV, 198, XXI, 196; how carried, XIV, 94, XVIII, 131, XIX, 143, XXI, 145, 285, XXII, 363, XXVII, 199; cradles, II, 98, XXII, 321, XXIII, 21; named, XX, 297, 298, XXIII, 109; sold, XXVII, 167; seldom punished, II, 97; plays, XXVIII, 340; savagery, II, 136; become adults, XXVIII, 268-270. Half-breeds (metis), XIII, 139; characteristics, XI, 157, XVII, 16, 17, XXIX, 245; as interpreters, XIII, 289, XXIX, 244 (see also Language, above); ambassador, XVII, 20; chief, XIII, 181; as farmers, 181, XXIX, 250; guides, 183, 250; social ostracism, XVIII, 374.

**AMUSEMENTS:** passion for gaming, XX, 307, XXVII, 173; gambling habits, VII, 129, 130, 229, 291, XVII, 160, XXIX, 313; games of chance, XXVII, 171, XXX, 160, 161; other games, II, 90, VII, 291-293, XIV, 305-307, XX, 307; ball-playing, II, 89, XXIV, 31; billiards, 31; cards, XXI, 124; hoops, XXII, 327; jack-stones, VI, 120. Fairs, II, 35, XVII, 156. Horse-racing, VI, 340, 341, VIII, 324, XVII, 160, XXII, 327, XXIV, 78. Sham-battles, XV, 149, 150, 161, 162. For feasts and dances see Religion, above.

**MUSIC:** XVII, 170, XXVIII, 342; resembles Russian, XXIII, 15; musicians, XXIV, 67, 68; instruments, XIV, 239, XX, 325; pictured, XXII, 361. Drums (tombé), VI, 145, VIII, 152, XIX, 226, XX, 36, XXII, 274, XXIII, 15, 17, 23, 86, 201, 203, 292, 325, 371, 382, XXIV, 15, 32, 40-42, 46-48, 51, 52, 67, 68, 74, 75, XXIX, 384; how made, XXIV, 28; price, XXIII, 325; sketched, 15. Flutes, XXIX, 384. Pipes, XXII, 363. Rattles (schischikué, sysyquoy), II, 85, 182, XXIII, 112, 115, 120, 148, 201, 292, 371, XXIV, 32, 42, 48, 67, 68, 74, 75, XXIX, 384; how made, XXIII, 391. Singing, VIII, 74, XIII, 324, XXI, 336, XXII, 228, 229, XXIII, 17, 21, 22, 116, 118, 125, 126, 128, 146, 156, 382, XXIV, 29, 30, 33, 41, 42; songs, II, 111, 135, 217, V, 116; death-song, II, 182, XV, 42, XXIV, 104; love-song, II, 151, 173; scalp-song, XVI, 219, XXIII, 353; war-songs, II, 82, 92, 93, 106, 116, 174, XXIII, 119, XXVII, 398; hymns, 138.

**POETRY AND ORATORY:** speeches, II, 92, 148, 149, 171, 172, V, 90, XIV, 18, 64; poetry, XV, 114.

**GIFT-GIVING (PRESENTS):** mark of distinction, XXIII, 264, XXIV, 32; impoverished by, XVII, 166; as sign of friendship, XX, 166; in propitiation, XV, 95, XVIII, 175, 176, XXIII, 22, 159, XXIX, 124; as tribute, XXVIII, 169; to medicine-men, XV, 54, XXIII, 121; on repudiating squaw, XV, 30, 31; part of festal ceremonies, XIV, 231, XV, 124, XXII, 274, XXIII, 296, 325, 372, XXIV, 28, 30, 40; in councils, I, 36, 40, XIII, 247, XIV, 239, XV, 106, 155; treaties confirmed by, XIX, 228, XX, 322; presents demanded, XIV, 200, XV, 104, XVI, 112, XXIV, 79; method of distribution, XIV, 262; thanks for, I, 42; influence of, 58; exchanged, II, 85, 86, XIII, 332; whites give, I, 12, 43, 66, 90, 122, 151, 166, IV, 294, VI, 292, VII, 124, 166, 167, 242, XIII, 120, XIV, 38, 239, XV, 206, XVI, 199, XVII, 98, XX, 110, XXI, 137, XXII, 33, 34, 225, 228, 248, 286, 293, 328, 351, XXIII, 40, 72, 74, 161, XXIV, 49; whites receive from, I, 37, 308, II, 92, V, 115, XIII, 321, 324, 328, 333, XV, 350, XVI, 196, 235, XXII, 343, XXIII, 197, XXIV, 98, XXVIII, 240, XXIX, 415.

**MISCELLANEOUS CUSTOMS:** in general, II, 14, 30, IV, 285-287, XXVI, 18; compared with Pacific Islanders, VIII, 154; sleeping customs, XIII, 51; flattening the head, VI, 324, VII, 113, XXI, 303; anointing with blood, XXIX, 323; self-torture, V, 115, XIV, 268, XIX, 232, XXI, 359, 360, XXII, 286, XXIII, 121, 140, 362, XXVII, 184, 185, 397, XXVIII, 342, 343; etiquette, XVII, 72, XXVIII, 82; salutations, I, 24, V, 110, XXII, 309, XXVI, 73, 124; leave-taking, XX, 131; signify approval, I, 64; distinctions, XXI, 255; marks of, XXII, 222, 326, 327, 342, XXIII, 19, 70, 88, 260-262, 264, 265, 321-323, 346, 349, 350, XXVII, 173, XXVIII, 209-211, 269; associations, XVIII, 48, XIX, 72, XXIII, 115, 291-298, 371; badges, 116, 117, XXIV, 15; duelling, XXIII, 111, 290; drive off game, XIII, 273; kindle prairie-fires, III, 221, XI, 224, XIII, 201, XIX, 56, 57, XXI, 49, 101, 273, 356, XXII, 247, 259, 271, XXVI, 234, XXVII, 214, XXVIII, 324, 327, 379; woodcraft, II, 63, 64; trails, I, 21-23, 189-191, IV, 262, 264, VI, 75, VII, 178, XIII, 145, XV, 185, XVI, 223, XX, 108, XXVII, 162, XXIX, 29 (see also Roads); footprints, XVIII, 96; guide posts, I, 22; distances reckoned, XX, 140, XXVII, 304; travelling, II, 72, 116, 120, XV, 196, XVI, 209, XXI, 286, XXII, 225, 358, XXIII, 67, 83, XXVIII, 150; cavalcade pictured, XXVII, 325 (see also Migration, above); perish in storm, VII, 204, XXII, 386, XXIII, 237, 239; in earthquake, XVIII, 277; drowned, XXIII, 39; ceremony of adoption, II, 82-86, XI, 174, XXIII, 321; naturalization in tribe, XXVIII, 267; making will, VI, 264; use of paper, XXIII, 245, 339; money unknown, XXX, 235 (see also Wampum, above); pleasure in books, XIV, 266; first view of steamboat, 178, XXVI, 64, 150; see quicksilver, XIV, 282; a skeleton, XII, 52; information on bees, XVI, 160; use of pumice, XXII, 261.

**DISEASES:** in general, VI, 258, VII, 111, XIV, 42; epidemics, XIII, 347, XXVIII, 130, XXIX, 67, 68, 122, 123, 179; deformities, VIII, 239, XXIII, 20, 220; deaf and dumb, XXIV, 56; blind, XV, 116, XXI, 284, 312, XXIII, 20, XXVII, 342; blind and deaf, XVIII, 129, 191; ague, XXI, 307, 344, XXIII, 237, XXIX, 147; catarrh, XXIII, 237, XXIV, 18; cholera, XXIII, 237; colic, 121, 237; consumption (pulmonary), XVI, 132, XXI, 358, XXII, 236, XXVIII, 159; cough, XXIV, 18; diarrhœa, XXIII, 237, XXVIII, 159; fevers, XVII, 23, XXI, 333, 342, XXVIII, 369, XXIX, 67, 122, 123; goitre, XXIII, 257; gonorrhœa, XIV, 129; insanity, VI, 141, XV, 49; king's evil, VI, 344; *lues venerea*, XIV, 129; measles, XXX, 231; ophthalmic troubles, XXIII, 166, 200, XXVII, 300; quinsy, XIV, 275; rheumatism, XXVIII, 159; scalds, V, 133; scarlet-fever, XXIX, 68; smallpox, II, 16, V, 80, 86, 90, 96, 114, VI, 400, IX, 250, XIII, 116, XIV, 14, 275, XV, 208, XVI, 221, 233, XIX, 265, XX, 298, XXI, 333, XXII, 19, 33-36, 246, 271, 274, 277, 284, 286, XXIII, 188, 234, 253, 254, XXVII, 149, 150, XXVIII, 146, 151, XXIX, 123, 224, 242; snake-bites, XXII, 273, XXIII, 28, 337; toothache, VIII, 238; ulcers, XVI, 210; whooping-cough, XXIII, 237, XXIV, 15; wounds, XVI, 110, XVIII, 165, XXI, 322, XXIII, 148, 166, XXVII, 299, XXVIII, 91, 95; mortality, XX, 302.

**REMEDIES:** treatment of illness, II, 137, 138; medicine men, 138, VII, 110, XI, 144, XVIII, 165

## INDIANS: SOCIAL AND ECONOMIC LIFE (continued)—

## REMEDIES (continued)—

(see also Religion, above); bleeding, XV, 47; charms, XIII, 126; surgery, II, 146, XXI, 78; sweating, II, 84, 111, VII, 294, XXI, 322, XXVIII, 265, 365; hot-springs, XIII, 158; medicines, II, 188, V, 133, XXX, 105; cedar-berries, XXII, 292, 293; *cheiranthus asper*, XV, 226; dogwood, XXI, 343, 344; herbs, II, 85; papiconah, III, 77; rhubarb, XXIII, 140; worm-wood, 140; for snake-bites, VII, 145, 290; wounds, XV, 48, XVI, 110, XVIII, 165, XXI, 322; vaccination introduced, XV, 202, XVIII, 274, 275, 277, 280, 287, XXIII, 359.

MORTUARY CUSTOMS: death announced, I, 223; bodies prepared for burial, XXIII, 141, 152; embalmed, XXI, 338; mummies found, IX, 44, 137, XII, 67, XXI, 338; shrouds, XXIII, 22, XXIV, 86; coffins, XXIII, 22, XXVII, 103; whites aid in preparation, XXIII, 121, 140; mourning customs, VI, 329, XIV, 319, 320, XX, 316, 339, XXIII, 121, 140, 141, XXIV, 15, XXVII, 164, 166, 179, 186, 205, 309, XXVIII, 319, 320, XXIX, 223; dress, XXII, 351; mutilation, XVI, 234, XXIII, 140, XXIX, 276; cabin destroyed, XIII, 115, 116, 187, 188, XXVII, 165. Burial customs—in general, II, 86, 93, 106, V, 223, VIII, 272, XIII, 187, 188, XVIII, 166, XX, 290-293, XXII, 96, 97, XXIII, 360-362, XXVI, 297, 298, XXVII, 165, 166, XXVIII, 130, 368; interment, I, 284, IV, 286, VI, 142, XIII, 187, 222, 303, XXIII, 22, 141; position of body, XXII, 96; fondness for lofty sites, XIII, 266, XXVI, 154, 297; cremation, II, 143, XXIX, 276; aerial burial, XXVII, 149, XXIX, 68; canoe burial, VI, 333, VII, 111, 117, 118, XXI, 309, 338, XXVII, 166, XXIX, 67, 68; scaffold burial, IV, 286, V, 223, VI, 141, 142, XX, 293, 294, XXIII, 232, 360, XXIV, 15. Burial sites, II, 199, V, 153, XXIV, 199, XXX, 163; cemeteries, IV, 270, 271, 275, VII, 118, XIX, 270, XXI, 309, 310, 321, 361, 362, XXII, 177, 318, XXIII, 36, XXVII, 101-103, 372, XXVIII, 375, XXIX, 161, 282; graves, XIV, 115-118, XVI, 123, XXI, 282, XXVII, 100-103, 107; protected, XIII, 207, XIV, 107, XV, 67, 83; desecrated by wolves, XXIV, 86; tombs, wooden, VII, 11; box-tombs, XXVIII, 367, 368; monuments, XXVII, 179; scaffolds, XXIII, 236, 323; pictured, XXII, 347. Offerings to dead, XVIII, 166, XXIII, 36, XXVII, 166, XXVIII, 319, 368, 375; horse, XXVII, 165; human victims, XIII, 116; articles buried with dead, II, 86, 93, 106, IV, 286, 297, V, 160, 233, VI, 333, VII, 302, 303, VIII, 153, XIII, 303, 304, XIV, 195, XV, 66, 67, XVIII, 166, XX, 351, XXI, 309, 321, XXII, 96, 97, XXIII, 140, 141, XXVII, 165, 166, 372, XXVIII, 130, 375, XXIX, 238; reasons for, XIII, 260, XVIII, 166. Veneration for dead, II, 111, V, 160, XIII, 364, XXI, 309, 361, XXVI, 297, XXVIII, 368, XXIX, 238; "covering the dead," VI, 310; whites desecrate, XXI, 338, 339, XXIX, 285.

## V. INTERTRIBAL RELATIONS

INTERCOMMUNICATION: XIII, 217, 358, XIV, 78, XVII, 166, 167; rivalry, 165; quarrels, XXVIII, 164. See also the several tribes.

TRADE: VI, 360, VII, 103, XIV, 58, 142, 285, XVI, 110, 171, XXII, 271, XXIII, 98, 104, 258, 262, 274, 289, 322, 371, XXIV, 180, XXVII, 256, XXVIII, 341, XXIX, 353. See also Commerce, Fur Trade, and Merchants.

WARS: I, 61, 85, 139, 307, IV, 145, V, 49, VIII, 271, 307, IX, 249, 250, XIII, 119, 305, 306, 319, 320, 322, 356, XIV, 267, 313, 316, XV, 87, 93, 157, XVI, 233, XVII, 156, XXI, 332, XXII, 15, 274, XXVII, 185, 398, XXVIII, 131, 142, 318; recorded, IX, 138; Assiniboin-Blackfeet, XXII, 15; Cherokee, I, 251, XIII, 282; Comanche, XX, 349; Iroquois, I, 53, 54, IV, 92; Kansa-Oto, XIV, 276, XV, 102; Pawnee-Comanche, XVIII, 70, 71; Sioux, VI, 142, XIV, 265, XXIV, 21, XXVIII, 131. See also Councils, above, and Warfare, above; besides Wars and the several tribes.



## VI. RELATIONS WITH WHITES

GENERAL: V, 258, XV, 72, 257, XVI, 199, 200, XVIII, 53-55, XIX, 320, XX, 94, XXI, 297, XXII, 35, 178, XXIII, 111, XXVII, 35, 47; policy toward strangers, XVII, 164, 165; first sight of white man, XVI, 207; curiosity regarding, XXVII, 393, 394; ideas concerning, XVIII, 43, XX, 110; fear of, VI, 270, VII, 193, XVIII, 13, 18, 97, 98, 100, 136, 142, 194-196, 207; prejudice against, I, 171, II, 63, XXI, 45; hatred for, XVIII, 134; hostility toward, I, 101, II, 15, V, 25, 262, 271, VI, 96, 97, 269, VII, 131, 171, 172, 182, 187, 191, 195, 234, 240, 254-256, 266, VIII, 10, 70, 71, 82, 149, 222, 223, 286, IX, 151, 184, X, 62, 218, 237, 265, 270, XI, 145, 166, 187, 207, 280, XXIII, 13, 14, 171, 264, XIV, 139, 178, 283, XV, 174, 193, 206, 211, 221, 254, XVI, 195, XVIII, 13, 14, 24, 55, 86, 88, 89, 92, 110, 111, 119, 138, 169, 172, 187, 192, 193, 202-204, 230, 251, 258, 263, 336, 350, XIX, 16, 51, 177, 194, XX, 63, 148, 150, 163, 177, 178, 185, 193, 194, 198, XXI, 23, 43, 61, 102, 144, 265, 295, 334, 337, XXII, 16, 231, 333, 378, XXIII, 27, 137, 164, 173, 177, 213, 243, 262, XXIV, 14, 39, 46, 64, XXVI, 90, 137, 138, 197, XXVII, 71, 77, 105, 279, XXVIII, 71, 333, XXIX, 58, 59, 82, XXX, 38, 88, 174, 192; depredations, VIII, 47, XVIII, 77-83, 160, 222, 375, XIX, 71, 186, 252, 284, 313, 324, XXI, 187, XXIII, 94, XXIV, 113, XXVIII, 9, 151, 162; incited to, VII, 139, VIII, 286; bought off, XXIII, 111; children stolen, XIV, 26. See also Wars.

FRIENDLY: I, 101, 114-117, 123, VII, 136, 137, 145, 148, VIII, 73, XVIII, 152, XXI, 103, XXVIII, 142, 143; confidence in, XX, 116; respect for, XV, 113, 114, XVI, 207; submission to, VII, 308, XXVIII, 139; influenced by, XIV, 9; reside near, XXIX, 96; preserve neutrality, I, 180; desire for, 94; visit Europe, XXI, 59, 77; Washington, XII, 48, 49, XXII, 32; surprised by emigration, XXX, 11-13; relation with frontiersmen, I, 238, III, 262, 263, XIII, 281, XVIII, 10, 27, 29, 265, XX, 304, XXVIII, 142, 149, XXX, 229; compared with, XXII, 211; convicts escape to, II, 68, 69.

ATTITUDE OF WHITES: in general, III, 192, IV, 263, VIII, 307, 308, XIII, 52, 183, 319, XVI, 207, 208, XIX, 261-263, 370, XX, 346, XXI, 30, 45, 58, 215, XXII, 70, XXVII, 47, 68, XXX, 300, 303; injustice toward, IV, 140, V, 258, X, 317, XX, 307, 308, XXIII, 252, XXVII, 130, XXVIII, 118; government policy, VIII, 308, XI, 210, XIII, 132, 192, 198, 222, 279, 306, XX, 300-302, XXI, 21, XXVIII, 117-119; negotiations with, 18 (see also Councils, above, and Treaties); department of Indian affairs, XXIII, 191, XXVIII, 120; English, I, 83, 248. Commissioners, III, 62, XIX, 161, XXII, 149, 254, XXIII, 198, XXX, 141 (see also Treaties); *Report*, XX, 317, 341, XXVIII, 117, 261. Superintendent, XIII, 134, 192, XXII, 217, 314, XXX, 15. Agencies, IX, 188, XXII, 267, 303, 304; agents, I, 91, V, 66, 254, X, 46, XIII, 131, 281, XIV, 187, 210, 313, XVI, 47, XVII, 68, XXVI, 165, XXIX, 20; British, XXIV, 97; salaries, XXIII, 228; office revived, XXVII, 136; relations with fur-traders, XV, 50; with Indians, XIV, 313, 314, XV, 95, 96, 147; frauds toward, XX, 307, 308; brutality, XIII, 192; in Arkansas, 183; Fort Osage, XIV, 172; Green Bay, XXVI, 138; Idaho, XXI, 352; Mackinac, XX, 286; Oklahoma, XVI, 95; Oregon, XXIX, 20; on River Missouri, XXII, 234; River Platte, XXI, 192; Rock Island, XXII, 225; in St. Louis, XIII, 134; among Cherokee, 175, 191; Creeks, XX, 246; Kansa, XIV, 176; Missouri, 126, 176, 269, 288, 314, XVII, 154, 289; Osage, XVI, 275. Appropriations, XXVIII, 119, 125, 128, 133, 134, 138, 140, 144; annuities, XX, 300, 301, XXIV, 183, XXVIII, 125, 147, 148; agricultural aid, 139, 140, 145, 146 (see also Agriculture); educational aid, VII, 316, 319, XII, 23, XX, 305, 306, XXVIII, 119, 125, 128, 130, 132, 133, 147, 148, 357, XXX, 180 (see also Education); medals given to, I, 192, XII, 50, 51, XIII, 248, XIV, 321, XV, 145, 348, XXI, 100, 362, XXII, 225, 285, 307, 351, XXIII, 13, 21, 88, 161, XXVII, 200.

TITLES: titles, VIII, 42, IX, 185, XX, 302; contract, XXIV, 315, 316; cessions to United States,



## INDIANS: RELATIONS WITH WHITES (continued)—

## LANDS (continued) —

VIII, 184, 280, IX, 84, 185, 188, 190, 257, X, 62, 334, XII, 213, XIX, 61, 69, 72, 77, 79, 81, 141, 143, 196, XX, 302, XXII, 177-179, 217, 266, XXIV, 180, XXVIII, 117; sales to individuals, VI, 398, VIII, 238; encroachments on, XI, 182, XIII, 177, XIV, 225, XVI, 191; protected, III, 262, XXI, 103; abandoned, XIII, 91; allotted in severalty, XXVII, 283, 387, XXIX, 153.

*Reservations:* XVI, 249, XVIII, 69, 109, 131, 164, XXX, 16; Crow Creek (S. Dak.), V, 110; Devil's Lake (N. Dak.), XXII, 342; Fort Belknap (Mont.), VI, 371; Fort Berthold (N. Dak.), V, 113, XV, 58, 59, XXII, 336; Fort Hall (Idaho), V, 277; Fort Peck (Mont.), 90, XXIII, 29, 33; Lower Brulé (S. Dak.), V, 110; San Carlos (Ariz.), XVIII, 131; Standing Rock (S. Dak.), V, 127; in Arizona, XX, 72; Canada, XXIII, 90, XXIV, 186, XXIX, 221; Idaho, V, 227, VI, 340, XXI, 192; Indian Territory, V, 49, VI, 61; Iowa, V, 49; Kansas, 49, VI, 51; Montana, V, 104, 225, 226; New Mexico, XVIII, 164, XX, 70; New York, VIII, 55, 126, 148; Oklahoma, V, 67, 74, 225, VI, 51, XVI, 233; Oregon, VI, 258, XXI, 329, XXX, 16; South Dakota, V, 90, 104, 127; Washington, VI, 340, XXVII, 319, 370, 371; Wisconsin, XXIV, 183; Wyoming, V, 225, 227, XXI, 209; for the Apache, XVIII, 109; Chippewa, XXIII, 190; Cherokee, XIII, 170, 174; Choctaw, 207, 305; Cœur d'Alène, XXVII, 283, 365; Crows, XV, 56; Flatheads, VI, 340, 341, XXVII, 141, 357-359; Mandan, XXII, 19, XXIII, 234; Omaha, V, 86; Puria, XVIII, 131; Puyallup, VI, 256, XXVII, 387; Quapaw, XIII, 111, 117, 306; Umatilla, VII, 137, 138; Ute, XXVII, 165, 167. Boundaries, VIII, 200, 263, X, 330, 333, XIII, 177, XXII, 251, XXIV, 112, 114, 157, XXIX, 232. Grants to, XIX, 264, XX, 249. See also Lands.

*TRADE:* with Asiatics, XIV, 119, 120; French, II, 41, XXI, 43; Mexicans, XX, 71, 76, 348; Spanish, XVI, 87, 105, XXVIII, 37; with Americans, I, 22, 23, IV, 229, V, 201, 202, VI, 271, VII, 135, VIII, 231, XIII, 179, XVI, 270, XVIII, 9, 38, XX, 100, XXI, 21, 45, 57, 83, 283, XXII, 93, 383, XXX, 153; with emigrants, XXI, 69, XXIX, 284, XXX, 57, 98, 108, 110, 111, 114, 116, 217, 222, 234; Santa Fé caravans, XIX, 164, 181-185, 197, XX, 131, 133-136, XXII, 14, XXIV, 46; with vessels, VII, 277, XXI, 318; methods, XIV, 271, XXII, 381, XXIII, 17, 18, 73, 99; plots against, II, 15, XXVII, 136; articles of trade, V, 132, 166, VI, 211, VII, 161, IX, 311, XIV, 199, 270, 271, 307, 310, XV, 192, XVI, 200, 269, XIX, 333, XX, 137, 186, XXI, 100, 137, 145, 148, 192, XXVIII, 316, XXX, 74, 108, 260; manufactures used by Indians, VII, 140, 141, XXVIII, 190, 267, 332; sewing-machines, 142; typewriters, 142; toys amuse, XXIII, 160; music box, XXIV, 69; rockets shown, XIV, 178; balloons described, XXVII, 394; skeleton viewed, XII, 52. See also Commerce, Fur Trade, and Merchants.

*MISSIONS:* in general, VI, 401, VII, 310-319, XII, 49, XVIII, 76, XXI, 319, 320, 335, XXIII, 252, XXIV, 162, 163, XXVI, 15, XXVIII, 137, 261, 357, XXIX, 22, 109, 111, 171, 230, XXX, 298; Catholic, VI, 190, 307, 399, VIII, 232, XIV, 78, XVIII, 131, 220, 222, 223, 306, XX, 41, 42, XXVI, 169, XXVII, 263, 331, XXIX, 150, 151; Protestant, XVI, 47, XXI, 138, 228, XXIV, 154, XXVI, 14, XXVII, 389; converts, XVIII, 277, XXVII, 49, XXVIII, 16, XXIX, 97, 111, 118, 142, 143, 254, 407, XXX, 183; characteristics, XVIII, 276, 307, XXVII, 143, 147, 149, 170, 283, 287, 288, 290, 291, 328, 331, XXVIII, 331, XXIX, 111, 165, 349, 412, 418, XXX, 106; improved condition, XXIX, 325, 326; rules for conduct, XXVII, 295-297; numbers, 369, XXIX, 140, 143; baptisms, XVIII, 114, 276, XXVII, 144, 167, 231-234, 282, 314, 318, 335, 336, 341-344, 347, 356, 357, 359, 364, 365, 370, 372, 376, 377, 381-383, XXIX, 128-132, 151, 170, 177, 179, 181, 182, 194, 204, 210, 211, 222, 231, 256, 274-277, 279, 299-301, 320, 325, 336, 359, 364, 367, 404; number baptized, XXVII, 381, 382; schools, 197, 296, 388, XXIX, 136, 181; missions for half-breeds, 181, 191, 230; Sunday observance, XXI, 75; service attended, XXIV, 175; prayers and hymns, XXVII, 142, 143, 364, XXIX, 145, 198, 320; rosaries, XXVII, 388, XXIX, 291, 413; catechisms, XXVII, 388, 405-412, XXIX, 128, 131; rewards, XXVII, 143, 316, 317, XXIX,

235, 358, 360; attitude toward Christianity, I, 280, XIII, 260, 261, XIX, 262, XX, 42, XXI, 30, XXVII, 135, XXIX, 128, 134, 139, 153-155, 168, 169, 172, 174, 275, 280, 281, 292, 293, 295; relation with missionaries, XXVI, 16, XXVII, 130, 135, 138, 141-143, 151, 170, 176, 177, 184, 191, 229, 282, 378, 382, 387, XXIX, 130, 149, 231, 234, 273; influence of missionaries, XXVII, 389, XXX, 113, 180, 236; land-grant to, IV, 312; Indians as missionaries, XXIX, 128, 129; effect of Christianity, II, 66, 67, XVIII, 370-372; revolt from, 273, 277, 280, 306, XX, 23; massacre of, XXII, 125, XXIV, 154. See also Missions.

INDIVIDUAL RELATIONS: with Alvarado, XIII, 336, 337; Astorians, VI, 239, 240, 254-256, 258, 261, 272, 274-277, 284, 288-291, 293, 295, 304-312, VII, 90, 92, 93, 95-100, 126, 148, 150, 163, 170, 185, 199; Ayers, VI, 257; Bell, XVI, 195-200; Bijeau, 227; Boulard, VII, 126; Callaway, V, 47, XIV, 133; Carson, V, 93; Cox, VII, 209; Croghan, I, 61, 137; Day, V, 225; De Smet, XXVIII, 18, XXIX, 168, 368; De Soto, XIII, 320-337, XXVI, 231, XXVII, 44; Emms, VII, 67; Fitzpatrick, XXI, 192; Gregg, XIX, 230, 231, 239, XX, 119, 120, 284; Hennepin, XIX, 47, 48, XXVII, 38; Holmes, I, 312, XVIII, 368; La Salle's expedition, XIX, 46, XXVII, 37, 39; Lawson, XV, 245; Lee, XXVIII, 45; Lewis and Clark's expedition, VI, 85, XXI, 105; Long's, XV, 191, 192, 197, 202, 203, XVI, 104, XVII, 96; McLennan, VII, 211; McLoughlin, XXI, 9; May, III, 198; Michaux, 64; More, XXI, 61; Morris, I, 307, 309, 319; Morse, XII, 50; Palmer, XXX, 16, 128; Pattie's expedition, XVIII, 100-103, 106, 107; Post, I, 177, 180, 186; Pratte's expedition, XVIII, 59-61; Pursley, XIX, 193; Say, XIV, 248; Smith, VI, 288; Stumps, III, 85; Sublette, XXI, 63, 64, 70, 82; Taché, XXIX, 255; Tonty, XIII, 117; Vincennes, XXIV, 137; Weiser, I, 11, 17; Willard, XVIII, 338.

EFFECTS OF CONTACT: in general, VIII, 127, 149, XIII, 184, 187, 192, XVIII, 131, XX, 38, 298, XXVI, 91, XXVIII, 118; amalgamation, XXIV, 183; degradation, II, 16, 67-69, VIII, 236, XXVII, 174, 302, XXIX, 171; decrease, XXII, 43, XXVIII, 142, XXIX, 194; extinction, XIII, 27, XVII, 41, XXII, 97, XXIV, 163, XXIX, 365; retirement, XIX, 57, XXVI, 280, XXVII, 117 (see also Migration, above); adopt manners, X, 218, XXIX, 97. Effects on whites, VII, 278, XI, 100, 101, XIX, 334, 336. See also English, French, Frontiersmen, Half-breeds, Mexicans, and Spanish.

Indies, Council of, XX, 32.

Indigo, cultivated, III, 159, 168, IV, 356, VIII, 304, 312, XI, 228, XIII, 142, 166, XIX, 70; how cultivated, VIII, 304, 305.

Ingersoll, Charles, *Inchiquin's Letters*, XII, 65.

Ingersoll, Ernest, *Canadian Guide Book*, II, 144.

Inggerajeda (red dung) Indians, Omaha band, XV, 117, 118.

Ingle, John, farmer, XI, 224, 225, 248, 285; in Illinois, 70; Indiana, 111, 132, 211, 215, 233, 304, XII, 11; founds Saundersburg (Ind.), X, 251; founds Inglefield (Ind.), 196; ignorance of, XI, 234; shiftlessness, 286; resources, 216; living expenses, 256; house described, 226; church services in home, 285; opinion of, 237; contract with hunter, 246; relations with Birkbeck, 238, 239; Faux, 225, 265; Pedley, 299; illness, 243; financial statement, 242.

Inglefield (Ind.), formerly Saundersburg, X, 251; settled by English, 196.

Ingles, Mary, captured by Indians, I, 134, XIII, 59.

Ink, made by A. Michaux, III, 83.

Inlets, Admiralty, XXIX, 90; Hood's, 90.

Inman, Henry, artist, XXVI, 73; *Old Santa Fé Trail*, XIX, 177, 178, 211.

Innes, Col. James, in Fort Cumberland, I, 98.

Inns. See Taverns.

Insects, IV, 119, 120, IX, 301, XII, 99, XIII, 183, XVII, 146; described, XIV, 24, XXII, 187; new species, XIV, 40; ravages of, XIII, 173, 228, XXII, 106; used as food, XXVIII, 312; collection, IX, 55. See also Flies, Gnats, Mosquitoes, etc.

Inshoach Castle. See Rocks: Beacon.

Inspellum Indians, Okinagan tribe, VII, 275.

Insula (Little Chief), character, XXVII, 289, 290.

Insurance. See Economic Conditions.

"Insurgente" (ship), VI, 299.

Intemperance. See Liquors.

Interest. See Money.

Intiétook, Okinagan tribe, VII, 275.

Inya Indians, population (1844), XX, 341.

Iowa, quality of soil, XXVIII, 108; rivers, VI, 73, 79, 85, XIV, 174, XV, 178, XXIV, 105; pipestone in, V, 107; Sauk and Foxes in, II, 186, XXI, 123, XXVIII, 141, 142, 144; Indian reservations, V, 49, XVII, 153, XXI, 122, XXII, 217; emigrants from, XXX, 261; Mormons in, XXIX, 371; James in, XIV, 26; *Annals*, V, 151; *Historical Record*, XXVIII, 142.

"Iowa," trading steamer, XXIV, 121.

Iowa (Aiouetz, Ayowä, Ayuwas, Jowa) Indians, described, XXII, 271, XXIV, 112, XXVIII, 144, 145; stock, V, 49, VI, 51, XVII, 156, XX, 297, XXIV, 223, 280, 285; habitat, V, 49, XIV, 221, 286, 287, XV, 132, XXII, 245, 253, 258, 268, XXVIII, 145, XXIX, 230; hunting grounds, XIV, 160, XXII, 256, 263; village sites, VI, 165, XXIV, 111; reservation, XXVIII, 145, XXX, 255; population, VI, 51, XX, 341, XXVIII, 121, 145; migration, XV, 131; language, 135, XXII, 245, 253, 274, 280; traditions, 243, XXIV, 313, 314; characteristics, VI, 66, XIV, 269, 270, 273; chiefs, 236, 267, XV, 75; customs, XIV, 272, 304, 305, XXII, 258, 273; intertribal relations, V, 52, 60, 61, 63, 67, VI, 60, XIV, 233, 266, 287, XV, 99, 102, 132, XVII, 151, XXII, 257, 259, 267; in War of 1812-15, XIV, 139, XV, 114, XXVI, 280; treaty, XXIV, 315, 316, XXVIII, 152; relations with whites, XIV, 13, 239, XV, 96, 97, XXII, 234, 253, 267, 381, XXIV, 106, 111.

Iowa Point (Kans.), Wolf River in, XIV, 181.

Ipecacuanha, abundant, XI, 229; as a beverage, XXVIII, 175.

*Ipomopsis*, observed by Long, XVI, 98.

Ireland, potato culture in, XI, 177; church revenues, X, 160; Hanks in, XI, 265, 266; Young, XII, 108.

*Iresine celosioides*, III, 35.

Irigóyen, Gov. —, contract with Arkansas expedition, XX, 227.

Iris, sky-blue, abundant, XXIV, 121; observed by Flagg, XXVI, 286.

Irish, character of, IX, 88, 289, X, 26, 195, XIII, 42, XXII, 137; characteristics, VIII, 164, 358, XXVII, 32; generosity, XII, 73; hospitality, IV, 331; indigence and uncleanness, XIII, 42; intemperance, IX, 60; kindness, XII, 203, 204, 236; wittiness, XXI, 125; burial customs, X, 195; Celtic tumuli, XII, 129; compared with German pioneers, III, 152; immigration, V, 291, X, 228, XI, 162, 232, XXIV, 166; attitude of Americans toward, XII, 136; as car-men, X, 192; farmers, IV, 73; Indian traders, I, 49, 216, 217, 223; gardeners, V, 157; packers, IV, 61;

porters, XXVI, 43; road laborers, XII, 203; tavern-keepers, IV, 52; scientists, XVII, 44; refugees, XI, 160; among Astorians, VII, 209; in Solis revolt, XVIII, 294; in Avoyelles (La.), XVII, 62; Baltimore, X, 262; Baton Rouge, IV, 341, 342; Bayou Pierre, 311; Broad Mountains, XXII, 118; Chillicothe (Ohio), XI, 184; Cincinnati, X, 237; Cove Mountains, IX, 70; Ebensburg (Pa.), XXII, 135; English Prairie, X, 256; Florissant (Mo.), XXVI, 262; Fort Niagara, VIII, 164, 165; Hudson's Bay, VI, 379; Lake Erie, XVIII, 342; Louisville (Ky.), XI, 172; New Orleans, IV, 361, 362, XIX, 126; Northampton County (Pa.), I, 234; Philadelphia, XI, 107, 108; Pittsburg, IX, 87; St. Louis, V, 198; Springfield (W. Va.), X, 206; Wanborough (Ill.), XI, 266; Illinois, X, 259; Indiana, XI, 202, 232, 296, XXII, 178; Kentucky, IV, 163, 165, 171, 197, XIII, 64; Mexico, XVIII, 316; Mississippi, IV, 324; Missouri, XII, 69; Ohio, IV, 135, 197, 202, 204, 205, 210, 211, 213, 231, XIX, 151; Oregon, XXIX, 183; Pennsylvania, I, 186, IV, 30, 239, X, 66, XII, 101, 182, 199, XIII, 42; South Carolina, XI, 73; Southeastern states, III, 301; West Florida, IV, 336; West Virginia, 236; Society of United Irishmen, XII, 78.

Irish Station (Ky.), Cuming in, IV, 199.

Iron, origin of ores, XVII, 242; discovery, XXIV, 153, XXVI, 263; quality, XVII, 234; abundant, V, 278, VIII, 133, IX, 75, 183, XII, 202, XIX, 34, 310, XXI, 38, XXVI, 51, 97, 278, XXVII, 226, XXVIII, 119, XXIX, 229, 246; scarce, III, 273, IX, 232, XIX, 337, XXVI, 209; in carbonate of lime, XIV, 228; clay, XVII, 255; granite, 230; sandstone, 197, 211; water, III, 312, XXII, 113, XXIX, 51; *haematitis*, V, 101, 102, XVII, 48, 234; oxide, V, 201, 249, IX, 126, XIV, 83, 91, XVI, 68, 90, XVII, 48, 198, 234, 252, XXIII, 99, XXVII, 337; pyrites, V, 248; sulphate, 92, XVI, 34, XVII, 233; burning mines, V, 277, 278; manufacture of, III, 54, 97, 98, 104, 269, V, 285, IX, 79, 84, X, 37; malleable, III, 158, IX, 79, XVII, 234, XIX, 341; hoop, 249; tinned, IX, 328; arrow-heads of, V, 174, XVIII, 376, XXIII, 354; values, III, 273, IX, 305, X, 75, XII, 238, XVII, 214, 215, XXX, 218; article of trade, IX, 149, XII, 84, XXVI, 87, XXVIII, 37; iron-mongery, III, 203; tradition of iron coffin, XXVI, 71; observed by Bradbury, V, 118; Flagg, XXVI, 330; Long, XV, 302; Nuttall, XIII, 150-152, 226, 289; Say, XIV, 163; Willard, XVIII, 334; in Alleghanies, III, 288; on Arkansas River, XIII, 172; in Arkansas Territory, XVII, 30; Canada, II, 36; on Hockhocking River, VIII, 264; in Kentucky, III, 223, VIII, 277, XIX, 95; Maryland, XII, 288; on Meramec River, XXII, 215, XXVI, 104; Missouri River, V, 57, 186, 241, 243, VI, 101; in New Mexico, XX, 64; Northwest Territory, V, 275; Ohio, VIII, 268, X, 73, XII, 213; on Ohio River, IV, 159, XIV, 91, 92, XXVI, 50; in Ozarks, XVII, 231; Pennsylvania, XII, 19, XIV, 36-38, 40; on Red River, V, 194; in Tennessee, 58, 97, 98, 104, 269; Western plains, XX, 243.

Iron Banks, on Mississippi River, IV, 280, VIII, 303, 315, XIII, 76; geological formation, 84; described, XIV, 86, 87; Nuttall on, XIII, 78, 82.

Iron Bird. See Clermont.

Iron County (Mo.), hill in, XXVI, 97; rivers, XVII, 36.

Iron-Crow, entertains De Smet, XXVII, 166.

Iron Eyes (Sarnanona), Oto chief, VI, 76, XXII, 265.

Iron Mountain Railroad, bluffs on, XVI, 285.

Irons, —, shoemaker, IV, 210.

Ironton (Ohio), on Ohio River, XXII, 154, XXVI, 71.

Iron-weed, in Indiana, XI, 205; Middle West, 183; observed by Faux, 183.

Iron-wood trees, habitat, VIII, 299, XVII, 116; canes of, XI, 85.

Iroquois (Five Nations, Six Nations) Indians, history, IV, 144-146, XIX, 149; stock, XX, 297;



## IROQUOIS INDIANS (continued)—

league, I, 167, II, 43, 46; tribes composing, 44, VIII, 127, 183, XXIV, 163, 180; central council, I, 224, 225, VIII, 126, XIII, 344; compared with other Indians, I, 171, 172, II, 27, 41, 43, VIII, 274; habitat, I, 85, 178, II, 41, 43, 45, 46, 48, IV, 162, VIII, 89, 160, XXIV, 163, 178, 180; removal to Canada, IV, 43, VI, 260, VIII, 228; stature, XXIV, 182; characteristics, I, 303, II, 42, 65, 66, VIII, 227, 234, XIII, 271, 363, XXVII, 284, 354; traditions, XIII, 353; totems, II, 43; language, I, 307, II, 30, 34, 36, 39, 55, IX, 105, XXVII, 65; vocabulary, II, 224-237, 254-256; dress, XIX, 143; chiefs, XII, 49; use of wampum, I, 25; as oarsmen, XXVII, 376; pilots, 154, XXIX, 178, 268; servants, 65; intertribal relations, I, 54, 90, 146, 167, 186, 187, VIII, 232, 234, 271, XIII, 304; supremacy claimed, I, 60, 85, 86, 186, 235, 254, 258; treaties with tribes, 25, 154, 155, XIII, 344; relations with Catawba, I, 34; Cherokee, 251, XIII, 175; Delawares, I, 85, 86, 186, XIII, 339; Illinois, 322, 356, XXVII, 38; Kutenai, 358; Natchez, XIII, 247, 355; Shawnee, I, 23, 65, 85, 86; Wyandot, 25, 29, 35, 36, 120, XIII, 244; half-breeds, XXI, 70; relations with English, I, 18, 20, 35, 36, 64, 86, 91, 116, 147, 148, 201, 202, 239, 263, 264, 268, 269, 275, II, 48, XXIV, 184, 186; French, I, 18, 26, 36, 43, 68, II, 45, 58, XIII, 361, XXIV, 163, XXVII, 40; attempted neutrality, I, 186; at Logstown council, 25, 32, 53, 60, 62, 63, 67, 68, 74, 76; in Revolution, II, 54-57, VIII, 122, 180, XXIV, 175; treaty with whites, I, 18, 25, II, 50; relations with United States, XXIV, 183; annuity, XIX, 143; with Johnson, I, 88; Joncaire, 54; Long, II, 12; Montours, I, 27; employed by fur companies, VII, 11, 101, XXI, 63, XXVII, 230, XXVIII, 179, XXIX, 54, 118, 255; missions among, II, 37-40, 58, XXVII, 333, 368, XXIX, 256, 311; effect, XXVII, 206; act as missionaries, XXVI, 14, XXVII, 129, 229, 230, 294, 358.

Iroquois County (Ill.), XXVI, 340.

Irrigation, necessary for agriculture, XVIII, 349, XXVIII, 173, 174, 359, XXIX, 50; facilities of Rio del Norte, XX, 151; in Bear valley, XXVIII, 294; California, XVIII, 274, 291; Fort Hall, XXX, 87; Idaho, 90; Mexico, XVIII, 359, XX, 156, 164; New Mexico, XVIII, 341, XIX, 288, 289; Oregon, XXVIII, 335, XXIX, 88, 92, 98, 322, XXX, 285, 286; St. Mary's, XXIX, 322; Snake valley, XXVII, 252; Southeastern states, III, 303; Yuma lands, XXVIII, 261. See also Agriculture.

Irville (Ohio), location, XXIV, 151.

Irvin, Rev. S. M., missionary, XXX, 255.

Irvine, Gen. William, in Revolution, IV, 244.

Irving, John T., Jr., *Indian Sketches*, XXIII, 390, XXVII, 211.

Irving, Washington, indebted to Bradbury, V, 14; criticized by English reviewers, XI, 136; inaccuracies of, VI, 174, 194, 240; *Astoria*, V, 38, 86, 181, 233, VI, 13, 16, 173-175, 363, 386, 402, 403, 405, 407-410, VII, 13, 244, 245, XXI, 16, 201, 347, XXII, 232, 378, XXIV, 228, 295, XXVII, 158, 221, XXIX, 69, XXX, 9; *Captain Bonneville*, XXII, 219, 378, XXIV, 222, 295; *Knickerbocker*, XI, 288; *Rocky Mountains*, XX, 267, 276, XXI, 11, 58, 72, 179, 200, 203, XXII, 353, XXVII, 201, 243, XXVIII, 282, XXX, 57; *Salmagundi*, XII, 65; *Tour of the Prairies*, XIX, 161, XX, 333.

Irwin, —, in South Carolina, XI, 83, 84.

Irwin, Col. Matthew (?), farmer and judge, IV, 75.

Isaac, Flathead convert, XXIX, 415.

"Isaac Todd," English war vessel, VI, 282, 295, 298-301, 390, VII, 217, 244, 245.

Isanisk Indians. See Songhie.

Iselin, —, in New York, XXII, 58.



Iskcatappa (Iskatappo), Omaha Indian, XV, 116; mentioned by Pike, 144; meets O'Fallon, 145; succeeded by Sharitarish, 145.

Ithtasunda (Grey Eyes) Indians, Omaha tribe, XV, 115, 117, 118.

#### ISLANDS —

Airhart's. See Fort George, below.

Amherst, in Lake Ontario, VIII, 177.

Anticosti, granted to Jolliet, XXVII, 36; population, 36; sketch, 36.

Bahama, gulf stream, VIII, 361; Evans on, 361; A. Michaux, III, 12.

Baker's, in Ohio River, IV, 103, 106.

Bald (L'Isle Chauve), location, XIV, 217.

Banks, described by Wilkes, XXIX, 76.

Baranoff, Sitka on, VII, 234.

Bath, bridge, XXIV, 167.

Bedloe (Gibbet), fort on, VI, 192.

Benito, Brackenridge on, VI, 66.

Big, Post on, I, 189, 230; sketch, 190.

Bighorn (Ibex), Maximilian on, XXIII, 64.

Big Manito, location, XIV, 148.

Bird, De Smet on, XXIX, 366.

Black, Cuming on, IV, 103.

Black, in Lake Winnipeg, VI, 379.

Blennerhassett's, site, XXII, 151, XXVI, 71; Cuming on, IV, 128-130.

Bloody, site, XXVI, 115, 161; sketch, 115; duelling on, 271, 272; jurisdiction of, 272.

Au Bœuf, Brackenridge on, VI, 38, 39; Maximilian, XXII, 240.

Bogy's, Nuttall on, XIII, 33.

Bois Blanc, in Lake Erie, VIII, 185.

Bonavista, astronomical observations on, VII, 46; weather variations in, 46.

Bon Homme, fort on, VI, 91; Brackenridge, 149; Bradbury, V, 41; De Smet, XXIX, 370; "Yellowstone," XXII, 239.

Brasos de Santiago, XVIII, 363.

Brevel, how formed, XVII, 64, 65; origin of name, 64.

Brown's, near Shawneetown, location, X, 253; Cuming on, IV, 270.

Brown's, near Steubenville, dams at, XXVI, 59; Cuming on, IV, 105; sketch, XXVI, 59.

Brunot, in Ohio River, IV, 93-95, 252, 253.

Buck-horn, in Niagara River, VIII, 178.

Buffalo. See Cow, below.

Buffington, Cuming on, IV, 132.

Cape Breton, geological formation, XVII, 240; surrendered to French, I, 222; mission to, XXIX, 142.

Captina (Captinal), Cuming on, IV, 117; thermometrical observations at, III, 376.

## ISLANDS (continued)—

- Carleton, Post at, II, 47, 48, 215, 216, 219.
- Cash, Cuming on, IV, 278.
- Castle, Fort Independence on, XI, 53.
- Cathlamet, location, XXX, 203.
- Caution, now Plum, XXII, 334.
- Cave-in-Rock, described, XXII, 202.
- Cedar (L'isle à Cedre), Brackenridge on, VI, 46; described, XIV, 145.
- Cedar (near Wheeler, S. Dak.), site, XXII, 294; Maximilian on, XXIV, 95; described, XXII, 296, 297; sketch, 296.
- Cedar (Little Cedar, near Chamberlain, S. Dak.), iron ore on, V, 118; plants, 318, 319; Bradbury, 99; described, 99-101, VI, 95.
- Cedar (Great Cedar, Loisel's Fort), location, VI, 166; trading-post on, V, 184, VI, 98; Brackenridge on, 64, 99; Hunt, 99; described by Bradbury, V, 184.
- Chartier's, Croghan on, I, 126.
- Chartres, location, XXVI, 101.
- Chenal au Barre, location, XIV, 165.
- Cheyenne, described, XXII, 333.
- Chney au Barre. See Hubert, below.
- Chouteau, Farnham's expedition on, XXVIII, 104; Gregg's caravan, XIX, 218; United States troops, 185; sketch, 185.
- Coffee, location, X, 325.
- Cole, Cuming on, IV, 127.
- Corn, location, I, 136; stratification, XIV, 74; Clark's expedition on, XXVI, 48; sketch, XIV, 74.
- Council, Cuming on, IV, 295.
- Coupeé, Maximilian on, XXIII, 33.
- Cow, in Ohio River, IV, 95.
- Cow (Isle au Vache, de Vache, des Vaches, Buffalo), location, XIV, 179, 181; snakes, 215; Kansa on, 186, 187; Indian council, 198; Brackenridge, VI, 68; Long's expedition, XIV, 12, 178, XVII, 96; Martin, XXII, 255, 258; Maximilian, XXIV, 113; Say's party, XIV, 182, 209-211, 230; "Western Engineer," 176; astronomical observations, XVII, 262; described, XIV, 175, XXII, 258.
- Crosse (à la), mission on, XXIX, 255.
- Crow's, described, IV, 97.
- Crow's Nest, described, IV, 301-303.
- Cuba, gulf stream on, VIII, 361; mountains, IV, 372; Indians, XVIII, 376, XXVI, 213; De Soto, XIII, 320, XXVI, 230, 231; Evans, VIII, 357, 360; "Decatur," 40; "Guyosa," IV, 371, 372; described, VIII, 360.
- Cumberland, in Ohio River, IV, 275; Maximilian on, XXII, 203.
- Cuming (No. 103), named, IV, 305; Cuming on, 288, 289.
- Cunningham, Buttrick on, VIII, 85, 87.
- Custard's, in Ohio River, IV, 102.
- Dead Man's, location, IV, 97; described by Flint, IX, 91.

- Deer, Franchère on, VI, 263; Astorians, VII, 118; sketch, VI, 263.
- Devil's, named by Mississippi boatmen, XXVI, 89; location, XXII, 208; steamboat on, 208.
- Dewal's, Cuming on, IV, 123.
- Diamond, IV, 267, 269; largest in Ohio River, XXVI, 65; Nuttall on, XIII, 70; Woods, X, 252; steamboats, XXII, 200; sketch, XXVI, 65. See also Government, below.
- Diev, in Cumberland River, III, 83.
- Dixon, in Cumberland River, III, 84.
- Doty, situation, VIII, 232.
- Drummonds, military post on, VIII, 229.
- Dundas, fort on, XXIX, 58, 77.
- Eau-beau (Euebert). See Hubert, below.
- Egg, location, VI, 378.
- Eight Mile, Cuming on, IV, 141.
- Elk (Tea), renamed, XXIII, 63, 64, 176; sketch, 64. See also Fort George, below.
- Ely, emigrants from, XI, 299; Dawes on, 117; Pysley, 108.
- English, sketch, XXVI, 83.
- Falkland, Capt. Thorn on, VII, 163; "Tonquin," VI, 202, 203, VII, 13, 49, 74; described by Ross, 49; view, VI, 205.
- Farm. See Fleury's, below.
- Field. See Four, below.
- Fire, lighthouse on, XXIV, 193.
- Fire Prairie, location, VI, 164.
- First, Cuming on, IV, 101.
- Five, Croghan on, I, 136, 137.
- Five Barrel, site, XXII, 264.
- Fleury's (now Farm), De Smet on, XXIX, 369; sketch, 370.
- Flint, Cuming on, IV, 263; Woods, X, 246; described, XIV, 77.
- Flour, origin of name, IV, 287; accident on, XIII, 83; Cuming on, IV, 284, 285; Nuttall, XIII, 81.
- Fort George (Airhart's, Elk, Simoneau's), described by Maximilian, XXII, 314.
- Four (Fr., Isles des Pares, or Field Island), location, XIV, 174, 175.
- Fox, location, XXII, 189; marmots on, 191; Maximilian, 188; sketch, 188.
- Au France, described, VIII, 26-29; "Almonak" at, 21, 24, 25, 37.
- French, described by Maximilian, XXII, 161.
- Gage, in Lake Ontario, VIII, 177.
- Gallipolis, Cuming on, IV, 147.
- Gambia, cannibalism on, XXIX, 222.
- Gibbet. See Bedloe, above.
- Goat, Niagara Falls divided by, VIII, 178, XIX, 145; waterfall near, XXIV, 172; bridge, 169; described, VIII, 178, XXIV, 169.
- Golconda, Maximilian on, XXII, 202.

## ISLANDS (continued)—

Good Man's, ancient fortifications on, VI, 166.

Goodriches (Good Punch), origin of name, XXIII, 65.

Government (Diamond, Johnson), location, VI, 68, 164, VII, 119, XIV, 175; Lewis and Clark's name for, VII, 119; Astorians on, 118; "Yellowstone," XXII, 253; described, XIV, 174; sketch, VII, 119.

Governor's, fort on, VI, 192.

Grand (Niagara River), location, VIII, 178, IX, 317, XXIV, 164; size, VIII, 179, XXIV, 164; sold to United States, 164; sketch, 165.

Grand, location, XXX, 46; size, XV, 224; length, XIII, 156; trail, XXI, 49; Long's expedition on, XIV, 14; sketch, XV, 224.

Grand Tower, dreaded by boatmen, XXVI, 89.

Grape, Cuming on, IV, 101.

Great Cedar. See Cedar, above.

Great Nodaway (Nodawa), described, XIV, 181; Brackenridge on, VI, 70; Martin, XXII, 258; canal, 259.

Green, Woods on, X, 251.

Grim's, in Columbia River, VI, 261.

Grosse (Isle), in Lake Erie, VIII, 185, 238; described, 238, 239; sketch, 238.

Guernsey, emigrants from, X, 76; "Havre" on, XXIV, 194.

Harsen's, location, VIII, 227.

Hat, Maximilian on, XXII, 209.

Hay, location, VIII, 227.

Hog, location, VIII, 227; described, IV, 96; sketch, VIII, 227.

Horse, origin of name, XXIII, 94.

Howe, in Lake Ontario, VIII, 177.

Hubert (Chney au Barre, Clearwater, Eau-beau, Euebert, Ibar, Sniabar), Brackenridge on, VI, 54.

Hurricane, IV, 274; cavern near, XXVI, 75; freebooters on, 76, 77; sketch, 77.

Ibar. See Hubert, above.

Ibex. See Bighorn, above.

Image Canoe. See Sauvie, below.

Jefferson, site, XXIX, 341.

Johnson. See Government, above.

Kadiak, in Alaska, VII, 234.

Kelley, originally Cunningham's, VIII, 85.

Kent, "Resolution" on, X, 186.

Kickapoo (Waucarba, Wacandda), location, XXII, 255; Indians on, 256.

Kneistley's (Neasley's) Cluster, Cuming on, IV, 103, 104.

La Crosse, in Lake Huron, VIII, 229.

Leavenworth, location, XIV, 175.

Little, near Black Island, IV, 103.

Little, near Rat Island, IV, 122.

Little Cedar. See Cedar, above.

Little Round, Nuttall on, XIII, 91.

Long (N. Y.), country described, XII, 77; topography, IX, 38; climate, 28; price of land, 39; agricultural methods, 42; orchards, 39; wages, 38; batteries, XXIV, 193; battle of, I, 244; Cobbett on, IX, 36, X, 153, 165; Faux, XII, 79; Flint, IX, 34; Franchère, VI, 190, 192; Morrell, XXII, 44; "Glenthorn," IX, 27; "Venus," XII, 162; Brooklyn, IX, 32, XII, 76; described, IX, 28, XXII, 55.

Long, in Ohio River, IV, 95, 96.

Lopez, Bolduc on, XXIX, 152.

Lories, Woods on, X, 239.

Loutre (a la Latre, Otter), site, XIV, 132, XXX, 32; as a boundary, 142; *lampyrus pyralis* on, XIV, 135, 136; limestone, XVII, 221; iron oxide, 234; forts, XIV, 133; settlement, VI, 40, 41; Bradbury on, V, 47; Long's expedition on, XIV, 12, 129, 135; Say's party, 132; "Yellowstone," XXII, 241; described, XIV, 134, 135; sketch, V, 47, XIV, 134.

McCullough's, location, XIV, 43.

Mackinac. See Mackinac.

Madeline, fort on, XXVII, 43.

Madison's, war conch on, XIV, 46.

Manchester, settled by Massie, X, 232.

Manhattan, described by Faux, XII, 78.

Mansfield, Cuming on, IV, 284.

Marquesas, Clapp on, VI, 405; Demestre, 288; Hunt, 315, VII, 243, 250, 251.

Martha's Vineyard, described by Faux, XI, 52; Holm's Hole harbor on, 53.

Massey, Cuming on, IV, 166, 167.

Middle, Cuming on, IV, 122.

Mingo Bottom, IV, 108.

Mississippi River, No. 1, Cuming on, IV, 280; No. 10, Cuming, 281; No. 21, Cuming, 283; No. 25, Nuttall, XIII, 80; No. 31, Cuming, IV, 284; No. 34, Cuming, 288, 289; Nuttall, XIII, 82, 83; No. 35, Cuming, IV, 288, 289; Nuttall, XIII, 86; No. 36, Cuming, IV, 288, 289; Nos. 40 and 41, Cuming, 291; No. 46, Cuming, 295; No. 60, Nuttall, XIII, 90, 91; Nos. 62-69, Nuttall, 92-95; No. 71, Nuttall, 96; No. 92, Cuming, IV, 301; Nos. 100, 101, Cuming, 304.

Montreal, II, 58, XVII, 238. See also Montreal.

Morgan's, trading-post on, XXII, 260.

Mosquito, origin of name, IV, 301.

Muskingum, Cuming on, IV, 127; Maximilian, XXII, 150; thermometrical observations, III, 376.

Mustapha's, Cuming on, IV, 130.

Nantucket, XI, 52, 62; redeemed from ocean, XXI, 22; whaling vessels at, XI, 53; "Almonak," VIII, 39; "Venus," XII, 160, 161.

Natchitoches, size, XVII, 64.

Navy, in Niagara River, VIII, 178.

Neasley's Cluster. See Kneistley's, above.



## ISLANDS (continued)—

- Neville's, location, IV, 95, 96.  
 Newbury, Cuming on, IV, 130.  
 Newfoundland, XI, 38; Maximilian on, XXII, 38.  
 Nodawa. See Great Nodaway, above.  
 Au Noix, in Revolution, II, 54, 55.  
 Noodle's, Fort Strong on, XI, 53.  
 Orleans, New Orleans on, VIII, 338.  
 Otter. See Loutre, above.  
 Owhyhee. See Hawaii.  
 Ozark, sketch, IV, 299, 300.  
 Pacific, explored by Wilkes, XXIX, 72.  
 Palmyra, Cuming on, IV, 306, 308.  
 Pania, now Cheyenne, XXII, 333.  
 Peach, location, VIII, 227.  
 Peyton, Cuming on, IV, 120.  
 Picket, in Mississippi River, VIII, 301.  
 Pie, in Lake Superior, VI, 391.  
 Pike, Cuming on, IV, 111.  
 Pitt, described by Wilkes, XXIX, 76.  
 Plum. See Caution, above.  
 Ponca, Maximilian on, XXIV, 96.  
 Portland, XI, 35.  
 Pot, observed by Maximilian, XXIII, 61.  
 Power's, formerly English Island, XXVI, 83.  
 President, described by Nuttall, XIII, 89.  
 Prince Royal, described, XXIX, 76.  
 Prince William, in Lake Huron, VIII, 229.  
 Pursley, Cuming on, IV, 122.  
 Put-in-Bay, in Lake Erie, VIII, 185; Evans on, 240.  
 Puget, site, XXX, 204; Astorians on, VII, 117; sketch, 117.  
 Queen Charlotte (Washington), discovered by Americans, XXVIII, 37, 38; named, XXIX, 75; as a boundary, XXVIII, 37; Perez and Martinez, 32; Catholic diocese, XXIX, 141; described by Wilkes, 74; sketch, 75.  
 Raccoon, in Ohio River, IV, 149; red-birds on, 149, 150.  
 Rat, Cuming on, IV, 122.  
 Red Bank, Cuming on, IV, 267.  
 Reedy, brig "Guyoso" on, IV, 377.  
 Robert's, described by Maximilian, XXII, 212.  
 Rock (Columbia River), described by Palmer, XXX, 166, 167.  
 Rock (Mississippi River), location, XXVII, 22; Indians, XXII, 225, 230.

- Rock (Ohio River), Cuming on, IV, 259.
- Rocking Cave, Cuming on, IV, 272, 273.
- Sable, Maximilian on, XXII, 39.
- St. Croix, origin of name, XXIX, 407.
- St. Francis, Nuttall on, XIII, 89.
- St. Geneviève, described by Maximilian, XXII, 210, 211.
- St. George's, in Lake Erie, VIII, 185.
- St. Joseph, in Lake Huron, VIII, 229; climate, 161.
- St. Martin, location, VI, 378.
- Samahtumawhoolah (White Man's), legend of, VII, 273, 274.
- Sambo, Nuttall on, XIII, 229.
- San Domingo, La Salle's expedition on, XIX, 51.
- Sandusky, in Lake Erie, VIII, 185.
- Sandwich, mountains in, VII, 55; natives, VI, 400; station for ocean vessels, XXI, 335; exports, XXIX, 94; market, 26, 60, XXX, 199, 204; trade with Oregon, 293; missions, XXVII, 391, XXVIII, 333; American printer, 333; Astorians, VI, 288; Chamberlain, XXIX, 38; Farnham, XXVIII, 13, XXIX, 26, 63; Gairdner, XXI, 334; Hunt, VII, 251, 253, 261, 262; Indians, VI, 258; Leslie, XXIX, 21; Little, VI, 303; Nuttall, XIII, 15, XXI, 308; Smith, XXVIII, 342; Sutter, XXX, 229; Thorn, VII, 53; Townsend, XXI, 15, 308, 368; "Beaver," VI, 274, 286, VII, 235; "Eleanor," 59; "Hamilton," XI, 45; "Lark," VII, 252; "Tonquin," 74. See also Hawaii.
- Sandy, fossils on, XXVI, 51.
- Santa Barbara, Cabrillo on, XXVIII, 30.
- Sauvie (Image Canoe, Wappato), length, XXI, 300; origin of name, 300, 301; Lewis and Clark's name for, 300; wild hogs on, XXIX, 67; Indians on, VI, 247, 263; Farnham, XXIX, 67; Wyeth, XXI, 319; Fort William, 323; Warrior's Point, 300; described, XXIX, 13, 14.
- Seary's (No. 90), location, IV, 301.
- Second, Cuming on, IV, 101, 127.
- Sego, location, XXII, 282.
- Sepulchre (Island of the Tombs, Memaloose, abode of the dead), described by Farnham, XXVIII, 367, 368; sketch, 367.
- Ship, in Lake Erie, VIII, 185.
- Sicily, Natchez Indians on, XIII, 303.
- Simoneau's. See Fort George, above.
- Sister, in Lake Erie, VIII, 239.
- Sister's, Maximilian on, XXII, 202; location, 203.
- Six Mile, Cuming on, IV, 141; Woods, X, 241; described by Maximilian, XXII, 155.
- Slim, Cuming on, IV, 269; Woods, X, 253.
- Smith's, location, X, 184.
- Smoky, Cuming on, IV, 254.
- Sniabar. See Hubert, above.
- Solomon's, Maximilian on, XXIV, 110.
- Spaniard, hunters on, XXIII, 83.

## ISLANDS (continued)—

- Spar, location, XIV, 175.
- Stack, banditti on, XIII, 295, 296.
- Staten, quality of soil on, IX, 49; in Revolution, I, 163, IX, 36; Flint on, 43; Howe, XXI, 63; "Tonquin," VI, 196; lighthouse, XXIV, 193; Sailors' Snug Harbor, XXI, 306; described, IX, 28; observed, XXII, 60.
- Stewart, Cuming on, IV, 274.
- Straight, Cuming on, IV, 269; Woods, X, 253.
- Strawberry, location, VI, 309; named by Lewis and Clark, 249, 309; Astorians on, VII, 121, 240; Franchère, VI, 309; Nor' Westers, VII, 257.
- Sullivan's (White Land), location, III, 118, 119; Faux on, XI, 95, 98, 104; described, 99.
- Sun (L'Isle à Beau Soleil), Brackenridge on, VI, 74.
- Tea. See Elk, above.
- Third, Cuming on, IV, 127.
- Thompson, location, VIII, 227.
- Thousand, in Missouri River, XIV, 146, 148.
- Thousand, in St. Lawrence River, IX, 322.
- Three, named by Nuttall, XIII, 92.
- Three, in Missouri River, XIV, 174; Lewis and Clark on, 175.
- Three, in Ohio River, I, 130.
- Three Brothers, in Ohio River, III, 350, IV, 123.
- Three Sisters, in Lake Erie, VIII, 185.
- Three Sisters, in Ohio River, IV, 270, 274.
- Thunder Bay, in Lake Huron, VIII, 229.
- Aux Tourtres, Indian missions on, II, 58.
- Traverse, in Lake Huron, VIII, 229.
- Trudot, Nuttall on, XIII, 144.
- Turkey, turkeys on, XXII, 191.
- Turtle, in Lake Erie, VIII, 185.
- Au Vache. See Cow, above.
- Vancouver's, boundary, XXIX, 33; ancient ruins, 116; harbor protected by, XXX, 284; fort on, XXIX, 77; trading-posts, 147, XXX, 295; ceded to Hudson's Bay Company, XXIX, 77; settlement, 145; mission, 147; Catholic diocese, 141; Indians on, VI, 340, XXVII, 387, XXIX, 149; Bolduc, 133, 148-153; Mackenzie, VI, 187; Warre and Vavasour, XXIX, 194; "Tonquin," VII, 165; population, XXIX, 98, 280; described, 74, 75, XXX, 212, 287; sketch, XXIX, 75. See also Vancouver, and Forts: Vancouver.
- Vienna, Cuming on, IV, 127; Maximilian, XXII, 150.
- Au Village de Terre, described by Maximilian, XXII, 330.
- Vincent's, Brackenridge on, VI, 66.
- Wabash, location, X, 253; Cuming on, IV, 269, 270; Maximilian, XXII, 200.
- Wainwright's, Cuming on, IV, 249.
- Wallace, site, XXX, 206.

- Wappato. See Sauvie, above.
- Warrior's, named by Clark, XXIV, 136.
- Washington. See Queen Charlotte, above.
- Waucarba (Wacandda). See Kickapoo, above.
- Wheeling, Cuming on, IV, 112, 114; described by Harris, III, 349.
- Whidbey (Whitby), point on, XXIX, 148; settlement, 120; mission, 135, 152; Blanchet, 129, 130, 152; population (1839), 98; sketch, 120.
- White Land. See Sullivan's, above.
- White Man's. See Samahtumawhoolah, above.
- Whitewood, in Lake Huron, VIII, 229.
- Williamson, Cuming on, IV, 121, 122.
- Willow, Cuming on, IV, 163.
- Willow (Isle aux Saules), A. Michaux on, III, 82.
- Wilson, Cuming on, IV, 122.
- Wizards (L'Isle du Sorcier), VI, 54; superstition in regard to, 54, 55.
- Wolf, in Lake Ontario, VIII, 177.
- Wolf, Cuming on, IV, 280; Nuttall, XIII, 76.
- Zane's, Cuming on, IV, 233, 234.
- Isleta Pueblo (N. Mex.), language, XX, 55; insurrection, XIX, 264, 268; population, 264.
- Isleta del Sur Pueblo (Tex.), founded, XIX, 264.
- Issati Indians, Hennepin's name for Sioux, II, 97, XXII, 279.
- Isthmuses, Darien, VIII, 274, 299; Panama, XVII, 187.
- Italians, emigrants, XIX, 119; in Fort Union, XXII, 374; Illinois, X, 132; Zacatecas, XX, 172; accompany Gregg, 209; explore Mount St. Elias, XXIX, 32.
- Italupus, Chinook god, XXIX, 126.
- Ita-Widahki-Hisha (Etaminagehisssha, red shield), XV, 97; entertains Maximilian, XXIII, 219, 220, XXIV, 23; kills One Eye, V, 162.
- Ithaca (N. Y.), Parker in, XXI, 334, 335.
- Itscheabiné Indians. See Gens des Filles.
- Itsichaicha (Monkey-face), Minitaree chief, XXIII, 217, XXIV, 67.
- Itskaykayetsa (painted garment), Okinagan chief, VII, 306.
- Iturbide, Agustin, ascendancy of, XIX, 176; birthday celebration, XX, 190, 191; sketch, XVIII, 362.
- Iva axillaris*, observed by Bradbury, V, 320.
- Ives, Lieut. Joseph C., in Grand Cañon, XVIII, 137.
- Ivy, abundant, XXIV, 178, XXVI, 72, 287, 320; *quinquefolia*, XXII, 148, 151, 189; *rhus toxicodendron* (poison), XII, 211.
- Ixia caelestina*, described by Nuttall, XIII, 202, 225.
- Izard County (Ark.), Strawberry River in, XVII, 35.
- JACKALS (*canis aureus*), XIV, 257; observed, XVI, 139, 147; habitat, XIV, 20; numerous, XVI, 103, 128, 225; sense of smell, 229; barking, 224.

Jackdaws, habitat, XVII, 147.

Jackson, —, on Cumberland River, III, 18.

Jackson, —, with Cuming, IV, 317, 318.

Jackson, —, in Pennsylvania, IV, 46.

Jackson, Gen. Andrew, early life, III, 56; Tennessee home, 61, 62, 93, 98; in Creek War, VIII, 313, XIII, 363; War of 1812-15, III, 62, 93, IV, 325, IX, 154, XIX, 121, XXX, 174, 190; at New Orleans, IV, 368, XVIII, 313; Fort Bute, IV, 359; in Seminole War, 100, VIII, 172, 351-356; governor of Florida, VI, 11, 12; president, IV, 82, XI, 98, XII, 36; veto, X, 65; appointees, XII, 43, XXII, 149; relations with Indians, XIII, 88, 306, 352, XX, 300; treaties, XVII, 25; portrait, IX, 161; character, VIII, 172, XI, 182, 183, 195; objects named for, XXIV, 49, XXVII, 224.

Jackson, David, fur-trader, XIX, 164, 237.

Jackson, Francis J., British envoy, VI, 192, 297.

Jackson, Helen Hunt, *Father Junipero*, XVIII, 274; *Glimpses of California*, 274.

Jackson, Joseph, at Point Pleasant, XXII, 155.

Jackson, Sir R. Downer, British commandant, XXIX, 193.

Jackson (Mo.), XVII, 39-41, 126, 225.

Jackson (Tenn.), emigrants from, XVIII, 329.

Jackson County (Ill.), XIV, 96, XXVI, 340.

Jackson County (Kans.), XIV, 210, XXVIII, 134.

Jackson County (Mo.), natural objects, XIV, 166, 184, XXII, 249, 250; seat, XIX, 189; population, XVII, 39; newspaper, XX, 95; Mormons in, 99, XXIV, 119, 120, XXVI, 356, 358; Sibley, XIV, 168; emigrants from, XXVII, 237.

Jackson County (Oregon), XXIX, 35, XXX, 173.

Jackson's Hole, trail, XXVI, 16; battle, XXI, 73.

Jacksonville (Ill.), early settlement, XXVI, 310, 318, 319, XXVII, 119; boundary, XXVI, 302; metropolis of Illinois, 303; Flagg on, 12, 304-314; sketch, 306.

Jacobs, Capt. —, in Kittanning, I, 85.

Jacova, Spanish maiden, XVIII, 14, 83; in Albuquerque, 86; relations with Pattie, 80, 82, 85, 86, 109, 144, 170; gratitude, 84, 110.

Jaguar (*felis onca*), observed by Pattie, XVIII, 194.

Jails. See Prisons.

Jalap, as a remedy, XVIII, 317.

Jalisco, comprised in New Galicia, XIX, 258.

Jamaica (L. I.), Faux in, XII, 77.

James, Daniel, physician, XIV, 13.

James, Dr. Edwin, accompanies Long's expedition, XIV, 18, 36, XV, 165, XVI, 32, 58; meets Maximilian, XXIV, 189; abilities, XVII, 181; duties, XV, 189, 191, XVII, 97; departure for home, 91, 92; explores rivers, XIV, 14-16, XV, 188, 279, 280; hot-springs expedition, XIV, 17, XVII, 12, 42; to Rocky Mountains, XV, 290-294; ascends Pike's Peak, XIV, 15, XVI, 11-24, 36, XXVIII, 111; experiences earthquake, XVII, 88; names channel, VI, 54; describes water courses, XVII, 60, 339; notes mirage, XV, 184; natural history observations, XVI, 13-22, XVII, 177, 226; meteorological, XVI, 13, 14, 21, 23, XVII, 88-91; catalogue, 116, 181; collections, XVI, 18, 24; ethnological studies, XXII, 70, XXIII, 252; philological, XXIV, 202; sketch,



- XIV, 13, 25, 26; historian of expedition, 9, 18, 19, 23-26; London edition, 18, 19, XV, 11, 66, 130, XVI, 11, 148, XVII, 11, 62; Philadelphia, XV, 130, 295, 297, 305, XVI, 74, XVII, 37, 256; *Account*, V, 67, VI, 54, XIII, 147, XIV, 20, 22, XVIII, 37, 39, 40, 65, 67, 140, 375, XIX, 63, 177, 186, 207, XX, 117, 333, 349, XXI, 43, 75, 146, 158, XXII, 201, 234, 252, 258, 267, 277, XXIII, 219, 245, 256, 264, 266, 295, 298, 334, 350, 353, 354, 360, 362, XXIV, 300, XXVI, 69, 93, 145, 165, XXVII, 211, XXVIII, 53, 111; plates in, XIV, 19; *Captivity of John Tanner*, 390, XXII, 390, XXIII, 300.
- James, J. A. & U. P., publishers, XXX, 23.
- James, John, founds town, XXIV, 142.
- "James Monroe," packet-ship, XI, 63; described by Faux, XII, 79.
- Jameson, —, sketch, IV, 42, 43, 46.
- Jameson, Robert, *Mineralogy*, cited, XVII, 228.
- Jamestown (Va.), settlement, VIII, 118, XXVI, 34, 143; relations with Indians, XXVII, 117, 387; *jamesweed*, III, 187.
- Janos Indians, province named for, XVIII, 144.
- Janos (Hanas, Mex.), location, XVIII, 155; described, 144-146.
- Janson, Charles William, *Stranger in America*, XI, 125, 126.
- Jantonais Indians. See Yankton.
- January, S., tavern-keeper, IV, 168.
- Janvier, Charles, fur-trader, II, 158-163.
- Jagues, Lieut. —, kills Rale, XXVII, 68.
- Jarrot, Maj. Nicholas, land grant to Trappists, XXVI, 193.
- Jasper, observed by Nuttall, XIII, 217.
- Jasper House. See Forts: Jasper.
- Jassimine (*jasimum*), observed by Flagg, XXVI, 286.
- Jatonabinè (les gens des roches, Stone) Indians. See Assiniboin.
- Jatropha stimulos*, observed by Long, XVI, 96.
- Jawitschahka, Yankton chief, XXII, 343.
- Jay, John, recommends Belli, IV, 162; essays, IX, 207.
- Jays (*gymnorhinus cyanocephalus*), habitat, III, 83, X, 291, 293, XVII, 147, XXVI, 355; numerous, XIX, 140, XXIII, 169; noted by Maximilian, 169.
- Jeffers, —, escorts trading caravan, XXIII, 226.
- Jefferson, Thomas, interest in science, I, 135; president philosophical society, III, 131, IX, 55; administration, XIX, 64; messages, V, 66, XIII, 283, XXI, 21; repeals tax, III, 144; removals from office, 311, IV, 96, 160, 323; appointments, III, 12, XIII, 107, XVI, 276; plans explorations, VIII, 296; commissions Dunbar and Hunter, XIII, 12, 283; Lewis and Clark, XIV, 38, 249, XIX, 62; Louisiana cession, XXVII, 73; friends of, III, 39, VI, 393, XII, 56; relations with Indians, V, 151, XIII, 177, XXI, 21; Bradbury, V, 9, 10, 25; Burr, IX, 211; Flower visits, X, 49; Michaux, III, 51; opinion on slavery, XXI, 40; letters to, XI, 240, 259; from, V, 9, 10, IX, 214; objects named for, 160, XXVIII, 305; chart, IV, 370; papers, III, 59, 97, V, 9; *Notes on Virginia*, III, 336, XI, 136, 147, XIV, 64, XIX, 96-98, XXI, 40.
- Jefferson Barracks (Mo.), site, XXVI, 117, 260; garrison, XXIV, 114, XXVI, 138; described, 106, 175, 176.

- "Jefferson," steamboat, XIV, 96.
- Jefferson City (Mo.), site, XXVIII, 56; capital, XIV, 145, XXIV, 122, 123; described, XXII, 242, XXIV, 123.
- Jefferson County (Ark.), XIII, 128, 135, 136, 138-140, XVII, 36.
- Jefferson County (Ill.), XXVI, 88, 340, 364.
- Jefferson County (Ind.), VIII, 77, IX, 250, X, 241, XIII, 64, XIX, 68.
- Jefferson County (Kans.), XIV, 210.
- Jefferson County (Miss.), IV, 315, 316, XIII, 299.
- Jefferson County (Mo.), XIV, 104, 106, XXII, 212.
- Jefferson County (Mont.), XXIX, 341.
- Jefferson County (Ohio), IV, 107, 111.
- Jefferson County (Pa.), I, 191.
- Jefferson County (Wash.), XXIX, 34.
- Jeffersonville (Ind.), location, IV, 258, 259, VIII, 279, IX, 295, X, 242, XIV, 75, XIX, 68, 69, XXI, 42; climate, IX, 242-244; population, X, 242; road, 62; boat-building, XXIV, 117; Monroe visits, IX, 172, 173; lawyers, 13; rivalry with Louisville, X, 243; Flint in, IX, 149, 156, 160, 165-173, 181, 194, 206, 215, 224, 250, 264, 276, 290; population, IV, 258, IX, 164, X, 242; described, IX, 163, 164, 221, 236, 254, 257.
- Jelly, as food, X, 199.
- Jemez Indians, stock, XIX, 266; language, XX, 56; joined by Pecos, 57, 59.
- Jenkins, —, tavern-keeper, X, 63.
- Jenkins, Lieut. Edward, in Fort Ouïatonon, I, 118.
- Jenkinson, Isaac, *Aaron Burr*, IX, 211.
- Jenks, Albert E., *Wild Rice Gatherers of Upper Lakes*, II, 183, VI, 384.
- Jennings, Jonathan, governor, XI, 158.
- Jennings (Mont.), site, XXIX, 201.
- Jenny, —, land-jobber, XI, 128.
- "Jenny," American brig, VI, 234.
- Jenontadynago, Indian chief, I, 263.
- Jerboa (*gerbillus canadensis*), observed by James, XV, 308.
- Jérémie, P. D., with Astorians, VI, 191; on "Raccoon," 303; "Tonquin," 195; deserts, 261.
- Jersey City (N. J.), canal, XXII, 90; Catlin in, 32.
- Jersey County (Ill.), settlement in, XXVI, 121.
- Jervis, —, English landlord, XI, 234.
- Jessaume (Jussomme), René, interpreter, V, 156, XXIII, 254; among Minitaree, V, 158, 159; with Lisa, 167; trader, XV, 59.
- Jesse, Cœur d'Alène convert, XXVII, 365.
- Jessup, Augustus Edward, geologist, XIV, 11, 13, 127, 205; with Long's expedition, 40, 157, 172, 230, XV, 170; duties, XIV, 42, XV, 189; illness, XIV, 12, 182, 211, 215; return, 12, 249, 250; collections, XVII, 93; report, XIV, 81-83, 212, XVII, 226, 233, 255; sketch, XIV, 40.
- Jesuits, founder, XXVI, 169, XXIX, 178; general, XXVII, 155; catechumens, 49; explorers, 34; historians, XIII, 116, XIX, 258, XX, 286; character, IX, 156, XVIII, 351; college, XXIX, 137;

- missionaries among Indians, I, 75, II, 37-40, 47, 79, 192, XIV, 78, XXVI, 14, 15, XXVII, 35, 65, XXVIII, 16, XXIX, 136, 139, 234; in Arkansas, IV, 298; California, XVII, 191; Canada, I, 320, II, 35, 39, 192, VI, 383; England, X, 120; Illinois, III, 69, XXVII, 48, 49, 77; Maryland, XXVI, 15; Mexico, XVIII, 153, 351, XIX, 293, XX, 188; Missouri, XXI, 125, XXVI, 18, XXVII, 202, 230; Oregon, 385, XXIX, 139, 142, 180; Paraguay, XXVII, 252, 283, 284; Russia, 155; Wisconsin, VIII, 232, XXVI, 179; note salt-springs, XIV, 58, XXIV, 180; *Acta Sanctorum*, XXVI, 170; *Relations*, II, 47, 71, 79, 80, 83, 91, 138, 187, XIV, 97.
- Jesus Maria (Mex.), Gregg in, XIX, 335, XX, 178, 179; mines, 180; imports, 224.
- Jewelry, imported, III, 203, IX, 135, XIX, 343; Mexicans fond of, 343; stores for, III, 139, IV, 185, XI, 90, XVIII, 351, XIX, 31.
- Jews, in Europe, XIII, 61; Inquisition, XVIII, 379; venerate dead, XXVI, 298; Indians resemble, XIII, 190, 255; in United States, XI, 90, XXII, 74, 117, XXIV, 165; synagogue, IX, 55.
- Jicarilla (Xicarrilla) Indians, described by Gregg, XX, 70; linguistic affinities, 75; barbarity, 72; population, 70; attitude toward Americans, 86.
- Jim, Shoshoni Indian guide, XXVII, 12; with Farnham, 277, 280, 284, 286, 289, 293; hunting, 280, 285, 289; interest in gas spring, 299.
- Jimenez (Mex.), priests in, XX, 51.
- Jimenez, Maj. Mariano, Mexican general, XVIII, 347.
- Jo Daviess County (Ill.), naming of, VIII, 287.
- Job, Abnaquis Indian, killed by English, XXVII, 68.
- Jogues, Father Isaac, names Lake George, II, 202.
- John Peter, Indian chief, I, 221.
- John Vincent, Indian claimant, II, 207-210.
- "John Wells," packet ship, XIX, 154.
- Johns Hopkins University, *Studies*, XIX, 79.
- Johnson, —, Virginia farmer, XI, 151.
- Johnson, Elvira, missionary, XXVIII, 357.
- Johnson, Isaac, witness, XXVII, 81.
- Johnson, James, expedition against Apache, XX, 79, 81.
- Johnson, Sir John, in Revolution, II, 48, 216, 217.
- Johnson, Joseph, on "Tonquin," VI, 195.
- Johnson, Lieut. Peter, partisan, II, 54.
- Johnson, Col. Richard M., of Kentucky, XI, 198, XX, 306.
- Johnson, Dr. Samuel, cited, X, 158.
- Johnson, Rev. Thomas, mission school, XXVII, 197.
- Johnson, William, Oregon pioneer, XXIX, 17, 26, 63.
- Johnson, Judge William, in Charleston, XII, 310.
- Johnson, Rev. William, missionary, XXVII, 197.
- Johnson, Sir William, Indian agent, I, 47, 50, 54, 101, 118, II, 59, 216, IV, 93, XXIV, 165; relations with Croghan, I, 47, 88, 99, 100, 126, 170-173; with Pontiac, 154, 157; at Detroit, 116, 310; Oswego, 159; captures Niagara, II, 49, VIII, 160; relations with Indians, I, 296, II, 49, 83, 84, 211, 212; incident, 125, 126; names Lake George, 202; builds post, 48; mansion, 126; sketch, I, 88.
- Johnson County (Ark.), coal beds, XIII, 193.

- Johnson County (Kans.), XIV, 185, XXII, 250.  
 Johnson County (Mo.), Round Grove in, XIX, 193.  
 Johnston, —, drover, IV, 229.  
 Johnston, —, in Pittsburg, IV, 82.  
 Johnston, Capt. —, Kentucky farmer, IV, 180.  
 Johnston, Judge —, relations with Pattie, XVIII, 321-323.  
 Johnston, Lieut. —, at Fort Massac, IV, 276.  
 Johnston, David, professor, IV, 109.  
 Johnston, Gen. George W., of Indiana, XI, 294.  
 Johnston, John, at Sault Ste. Marie, VI, 393, 394.  
 Johnston, Joseph, sailor, VII, 49, 50, 58.  
 Johnston, Josiah S., senator, XVIII, 25.  
 Johnstone, —, English emigrant, X, 44, 45.  
 Johnstown (N. Y.), in Revolution, II, 54.  
 Johnswort, habitat, XIV, 75.  
 Joiners. See Trades.  
 Joliet (Ill.), penitentiary in, XXVI, 119.  
 Jolliet, Louis, explorer, VII, 178, IX, 186, XIV, 96, XIX, 45, 47, 48, XXVII, 35; relations with Hennepin, XIX, 49; land-grant, XXVII, 36; journal, XIX, 45, XXVII, 36; map, 36.  
 Jolly, John (Oolooteka), Cherokee chief, sketch, XIII, 181-183.  
 Joncaire, Louis Thomas de, sieur de Chabert, builds Fort Niagara, VIII, 158.  
 Joncaire, Philippe Thomas de, sieur de Chabert, French agent on the Allegheny, I, 12, 49, 53, 54, 58-61, 68, 70-73; builds fort, VIII, 182; sketch, I, 54.  
 Jones, —, on Laurel Hill, III, 327.  
 Jones, —, Ohio farmer, IV, 140.  
 Jones, —, in Philadelphia, XI, 107.  
 Jones, —, with Hulme, X, 62, 63.  
 Jones, Benjamin, guide, V, 142, 150, 158, 180, VII, 198; among Arikara, V, 178; sketch, 93.  
 Jones, C. H., *Conquest of Canada*, II, 55.  
 Jones, Capt. Cadwallader, at English Prairie, X, 311.  
 Jones, David, pioneer, I, 130, 134.  
 Jones, Jew, at Washington, XI, 121, 157, XII, 61.  
 Jones, John, landlord, XI, 103.  
 Jones, John W., American consul, XVIII, 259, 298, 299, 313.  
 Jones, Robert, on Arkansas River, XIII, 145.  
 Jones, Uriah J., *History of Juniata Valley*, I, 22, 23, IV, 60.  
 Jones, Sir William, English traveller, XII, 113, XIII, 239, 340.  
 Jones, Willie, of Tennessee, III, 57.  
 Jones & Company, at Georgetown (D. C.), XI, 133.  
 Jones's Mill (Pa.), III, 371.  
 Jonesboro (Mo.), Pratte in, XXII, 282.

- Jonesboro (Tenn.), situation, III, 267, 269; A. Michaux in, 57-59, 98, 104; F. A. Michaux, 283; population, 270.
- "Jonontady Hagas," Iroquois phrase for Wyandot, I, 35.
- Jonson, —, in Boston, XI, 56.
- Jonson, Ben, quoted, XXVI, 32, 93, 279, 335.
- Jordan, —, Canadian, II, 31, 35.
- Jordan, —, wagoner, IV, 50.
- Jordan, Quinn, with Farnham, XXVIII, 98, 99.
- Jornada del Muerto, Gregg in, XX, 149, 152, 153; traders, 81.
- José, Juan, Apache chief, XX, 79, 80.
- Joseph, accident to, XXVII, 273.
- Joseph, Nez Percé chief, XXIII, 83.
- Josephine (flower), named by De Smet, XXVII, 256.
- Josepsis, Indian chief, II, 55.
- Joset, Father Joseph, Jesuit missionary, XXIX, 139, 142, 304, 319; cultivates field, 307; among Cœur d'Alène, 300.
- Jossville (Ky.), renamed Cloverport, XXII, 160.
- Jourdan, Capt. —, militia officer, X, 311.
- Judas-trees (*cercis canadensis*), observed by Flagg, XXVI, 286; Maximilian, XXII, 252.
- Judges, how chosen, V, 290, XII, 25, 43, XIX, 78; length of term, V, 290; suspended, XI, 215; superintend elections, X, 323, 324; superfluous, XXVII, 53; dress, X, 355, XI, 98, 175; insignia, 59, XII, 198; salaries, IX, 277, XI, 94, 181, XII, 232; character, V, 304, X, 346, XI, 96, 97, 99, 201, 267, 294, XII, 11, 12, 57, 61, 303; several courts, IX, 277, X, 46, XI, 71, 209; localities, IX, 253, X, 311, XI, 224, XII, 11, XXVII, 56; justices of peace, IX, 202, 204, 235; practices, 197, 198; perform marriages, XII, 296; other occupations, 168, 232, XXVI, 244. See Courts, and Lawyers.
- Juglans*. See Hickory.
- Julesburg (Colo.), springs near, XV, 258.
- Julien, Stephen, interpreter, XV, 210, 211, XVI, 217-219, 232, XVII, 98; hunting, XVI, 195; adventure, 236; with Bell, 58, 192, 271; Swift, 268; sent out, 250, 258.
- Juliopolis, bishop of, XXVII, 391, 392, XXIX, 230.
- Julius, Dr. Nicolaus Heinrich, *Nordamerikas sittliche zustande etc.*, cited, XXIV, 179.
- Jumonville, Ensign Villiers de, in Ohio valley, I, 74.
- Junction City (Kans.), Republican Fork River in, XVIII, 50.
- Junipers (*juniperus*), noted, XV, 306, XVI, 15, 74, 165, XXII, 51, 69, 88, 369, XXIX, 212; habitat, XIV, 213, XVI, 25, XXIII, 25; *communis*, XV, 294, 306; *depressa*, 290; *procumbens*, VI, 139, XVII, 199, XXII, 370; *repens*, XXIII, 78; stunted, XV, 291, 307; *virginianus*, III, 49, 62, XIV, 128, XV, 294, XXII, 90.
- Junius (N. Y.), Evans in, VIII, 126.
- Justamond, John O., *Life of Louis XV*, II, 13, 125.
- Justice. See Courts.
- Justiniani, Col. —, Mexican officer, XIX, 276.



- KACLASCO, Indian village, XXVIII, 357.
- Kaetaje (those who do not touch turtles or tortoises) Indians, Omaha band, XV, 117.
- Kahagawataningga. See Little Chief.
- Kahka-Chamahan (little raven), Mandan chief, XXIV, 22.
- Kähna Indians. See Blood.
- Kahokia (Kahoquia) Indians. See Cahokia.
- Kahokia (Ill.). See Cahokia.
- Kaijous Indians, language, XXVII, 387.
- Kaikolinzosten (great spirit), XXVII, 142.
- Kaima (Oregon), abandoned, XXIX, 95.
- Kakawissassa, Arikara chief, XXII, 335.
- Kakoakis. See One Eye.
- Kakooa (Hawaii), location, VII, 58.
- Kalaimoku, "Billy Pitt," Hawaiian prime minister, VI, 217.
- Kalapuya (Collapophyeaass, Kalapooyah) Indians, habitat, VI, 282, XXVII, 387, XXIX, 180, XXX, 184; tribes, 175, 177; filthiness of, XXI, 321; flattened heads, 303, 304; trading-post among, VI, 282, VII, 229; relations with Astorians, 231, 232; described by Ross, 230, 231; sketch, 230.
- Kalispel (Ear-ring, Pend d'Oreille, Pondera, Pondura) Indians, habitat, XXVII, 283, 296; on Clark's Fork, 338; Jocko reservation, 141; number, 283; language, 370, XXIX, 420; dialect, XXIV, 227, XXVII, 141; government of chiefs, XXIX, 294, 295; polygamy among, XXVII, 357; buffalo hunting, 318; union with Flatheads, 344; war with Blackfeet, 352, 353, XXIX, 242, 326-328; attitude toward Christian teaching, XXVII, 192, 335-337, 392, XXIX, 186; De Smet among, XXVII, 141, 335, 357, XXIX, 177, 296, 297, 302; Mengarini, XXVII, 381; mission among, XXVIII, 16, XXIX, 122, 173, 178, 187, 293, 294; chapel, 143; religious devotion, XXVII, 131, 341-344, 357, 360, XXIX, 325; conversion, XXVII, 344, XXIX, 181, 185, 189; number of converts, XXVII, 319, XXIX, 186; baptized, XXVII, 144, 284, 361, 362, XXIX, 173, 174; number baptized, XXVII, 381; catechumens, 144; prayer recited by, XXIX, 291; burial of converts, 403; described by De Smet, XXVII, 299-302; sketch, 141.
- Kallapugus Indians, population (1839), XXIX, 99.
- Kalm, Peter, Swedish traveller, II, 13, 64, XIX, 49; *Travels in North America*, II, 207.
- Kalmia*, III, 53, 99, 102, V, 280, XXIV, 190; *latifolia*, III, 27, 28, 47, 101, XVII, 43.
- Kamas (camas, quamash; Shoshoni, passheco), habitat, XXIX, 289; as food, XXI, 247, 320, 349, XXVII, 334, XXIX, 303, XXX, 189; article of trade, XXI, 245, 271, 281; abundant, XXVII, 335, XXIX, 125, XXX, 105; described, XXI, 247, XXIX, 196, 197, XXX, 171.
- Kamas plains. See Prairies: Kamas.
- Kamchatka (Kamskatka, Kamtschatka), salmon in, VII, 140; Russians, 233, XXIX, 60; Russian trading-post, VII, 36; Farnham in, VI, 406, VII, 186; "Beaver" in, VI, 286; "Kamchatka," X, 182.
- "Kamchatka," Russian frigate, X, 182.
- Kames, Henry Home, Lord, cited, II, 193.
- Kamloop Indians, Demers among, XXIX, 182.
- Kamloop (Comcloup, B. C.), Ross in, VII, 200, 204.
- Kanaka Indians, as sailors, XXI, 300, 319.

Kanawha County (W. Va.), seat, XIV, 61.

Kane, Elisha Kent, lawyer, X, 322.

Kane County (Colo.), San Juan River in, XVIII, 139.

Kani-Sachka, manager of Okippe, XXIII, 325, 326, 332.

Kansa (Kanzans, Kaw, Konsa) Indians, stock, XIII, 145, XX, 297, XXIV, 223, 280; habitat, VI, 67, 69, XIV, 12, 172, 175, 176, 185, XVI, 212, XVII, 128, XXII, 256, XXVIII, 121, 136, 137, XXIX, 230, XXX, 37; reservation, XVI, 249; population, V, 67, XX, 341, XXVII, 198, XXVIII, 85, 121, 140; described by De Smet, XXVII, 198-206; Farnham, XXVI, 64, 79, 93, 95, 102-104, 138-140; Long, XVII, 154, 156; Maximilian, XXII, 252; Say, XIV, 188-198, XVII, 158; Townsend, XXI, 145, 148; Wyeth, 48, 49; characteristics, XIV, 12, 194, 195, 198, XXI, 147; mythology, XIV, 194, 195; language, XIII, 119, XV, 136, XXII, 255, XXVII, 201; dialect, XXIV, 208, 296; vocabulary, XIV, 18, XVII, 290-298, XXIV, 229; encampment, XXVIII, 58, 59, 85; villages, V, 67, VI, 165, XIV, 179, 185; lodges, XV, 130, 164, XXI, 145, 148, XXIII, 272, XXIX, 381; how built, XIV, 188, 189, XV, 25, 26, XXI, 148; dress, XIV, 195-198, XVI, 272, XXI, 148; ornaments, XIV, 196; food, 190, 191; dogs, XV, 79; agriculture, XIV, 197, XXI, 147; hunting, XIV, 176, 199, 272, XXVIII, 58, 64, 65, 85-87; utensils, XIV, 189, 190; canoes, XXI, 147; pipes, XV, 103, 105, XXI, 146; social customs, XIV, 25, 187, 192, 195, 196, 198, 208, 209, XV, 49, XX, 305; chiefs, VI, 44, XIV, 188, 191; crimes, VI, 50, 51, XXVIII, 83, 89, 91; family life, XIV, 191-194, 197, 198, XX, 295, 339; diseases, XIV, 194, XXVIII, 91; burial customs, XIV, 177, 188, 195, XX, 290; war customs, XIV, 163, 190, 196, XV, 95, XIX, 195, XXVIII, 57; intertribal relations, XIII, 117, XIV, 233, XV, 99; with Blackfeet, XXI, 146; Missouri, XV, 134; Osage, XIII, 246, XIV, 195, XVI, 272, 274, XVII, 155; Oto, XIV, 228, 232, 269, 273, 276, 277, XV, 93, 94, 99-106, XXVIII, 145, 146; Pawnee, XIV, 199, 200, 206, 240, XV, 49, 91, 92, 162, XVII, 155, XXVII, 207; as traders, VI, 60, XXII, 381; French among, V, 56, XIV, 209; Long's expedition, XV, 99, 210, XVI, 46, 244, XVII, 96; Say's, XIV, 176, 186-188, 200, 205, 206, 210, 215, 243; missions, XXVII, 192, 197; councils with, XIII, 248, XIV, 176, 177, 187, 188, 198, 210; meet Farnham, XXVIII, 81, 82; Palmer, XXX, 42; views, XIV, 208, XXVII, 195, 203.

Kansas, country described, XXVIII, 74, 75, XXX, 44, 45; water courses in, XIV, 174, 184, XVIII, 50, 52, XXVIII, 56, XXX, 11; Nebraska boundary line, XIV, 216; Oklahoma boundary line, XVI, 246; as a boundary, 233, XXVIII, 126; route to Fort Hall, XXVI, 17; Santa Fé trail, XIX, 229; Delawares in, XX, 316, XXII, 96; Iowa, 253; Kickapoo, I, 139, XXII, 254; Mascoutin, I, 139; Osage, XXVIII, 131; Ottawa, 136; Peoria, XXVI, 98; Potawatomi, XXVII, 153; Sauk and Foxes, XXII, 218, XXVIII, 141; Seneca, 131; Shawnee, XX, 316; Indian reservations, V, 49, VI, 51, XXVIII, 145, XXX, 255; Asshawequa, XXI, 123; Keokuk, XXII, 218; Free Soil troubles, XXX, 37; Historical Society *Transactions*, XIV, 185.

Kansas City (Kans.), trail, XVI, 230; Bridger in, XXVII, 299.

Kansas City (formerly Westport, Mo.), site, XIX, 189, XXII, 250, XXVII, 135, 194; founded, 135; as a boundary, 214; river-port, XXVIII, 111; starting place for caravans, XXVII, 135; mission, 197, 205; De Smet in, XXVI, 16, XXVII, 135, 189, 192, 194, 213, 250, XXIX, 373; Drips, XXVII, 136; Ignatius, 230.

Kansaw-tanga (the great Kansa), Oto chief, XXIV, 316.

Kanseau. See Casseau.

Kaolin (china clay), abundant, XXVI, 88.

Kappa Indians, on Arkansas River, XIII, 122.

Karankawa (Carancahua, Carankouas) Indians, sketch, XXVIII, 149, 150.

Kasaiscall (Lamazu), Wickanook Indian, tells story of "Tonquin," VII, 165-171; treachery of, 170-173.

Kaskaia (Bad Heart) Indians, habitat, XV, 282, XVI, 117, 130; lodges, 105-107, 109; manners and customs, 62, 104-106, 109-119, XVII, 156; intertribal relations, XV, 211, XVI, 110, 234, XVII, 154; trade with Spanish, XVI, 116; relations with Long's party, XIV, 16, XVI, 55-57, 119, 120, 122, 139, XVII, 100; councils, XVI, 113, 196; vocabulary, 60, 210; portrait, 200; sketch, XV, 211. See also Comanche.

Kaskaskia (Caskaquia, Casqui, Kaskasquia) Indians, origin of name, XIII, 353; stock, XX, 297; Illinois tribe, XXVI, 123, XXVII, 35; habitat, III, 69, XIII, 319, 322, XXII, 210; population, XX, 317, XXVIII, 121, 135; described, 135; important, XXVII, 71; town named for, 43; joined by Peoria, XVI, 320, XVII, 41; hostile to Quapaw, XIII, 119; Sauk and Foxes, XXVIII, 142; De Soto among, XIII, 323; treaty, XXVII, 61.

Kaskaskia (Notre dame de Cassasquias, Ill.), location, VIII, 291, XIV, 101, XVII, 113, XXVII, 44, 60, 99; distance from English Prairie, X, 325; Cape St. Cosme, III, 80; St. Louis, 103; boundaries, XXVII, 44; as a boundary, XIX, 62; bees in, V, 58; roads, IV, 274, X, 329, XIX, 61, XXVII, 19, 69; settled by French, IV, 147, V, 258, 259, X, 267, XIX, 50, XXII, 210, 211, XXVI, 143, XXVII, 40, 42, 60; character of population, 43, 61, 118; when founded, 29; in Revolutionary War, IV, 314; Clark's expedition against, III, 69, XVIII, 30, XXVI, 48, XXVII, 89, 90; Indians in, XII, 19, XIII, 304, XXVII, 44; capital, X, 325, 326, XXVII, 48; commercial advantages, XIV, 100, XXVII, 61; adversity, XXVI, 13, XXVII, 50, 51; causes, 51; prosperity, 50; inundated, XXVI, 97; Catholic church in, XXVII, 62-64; commons, 44-46, 64; courts, 71, 80; creoles, XXIII, 189; immigrants, X, 254; inns, XXVII, 32; Jesuits, 49; Jesuit College, 81; land offices, X, 334, XXVII, 61; merchants, XIX, 174; nunnery, XXVII, 64; traders, IX, 190; Birkbeck, XI, 262; Bogy, XIII, 105; Cerré, XXI, 184; Clark, VI, 375, VIII, 285, XXVII, 88; Cook, X, 322; Duncan, XXVI, 310; Flagg, 12, 362, 370, XXVII, 26, 34, 51, 59, 65; Hubardeau, 79; Kane, X, 322; Mather, XIX, 197; Menard, XXVI, 165; A. Michaux, III, 69, 71, 78, 86, 103; Robidoux, XXII, 257; Agricultural Society, X, 343; population, III, 70, 71, XIX, 59, XXVII, 48, 61; described by Flagg, 28, 29, 32-34; Ogden, XIX, 59; Woods, X, 326, 327; sketch, III, 69, 70, XIV, 102; *Kaskaskia Church Records*, XXVII, 64.

Katapelleecy, Ottawa chief, I, 310.

Kathlapootle Indians. See Cathlapotle.

Katlamats (Cathlamet). See Cathlamet.

Katterfelto, Indian mountebank, XV, 56.

Katydids, numerous, XXVII, 106; observed by Flint, IX, 70; Nuttall, XIII, 245.

Katzebue, —, *Voyages*, XXII, 36.

Kaw Indians. See Kansa.

Kawitskin Indians. See Cowichan.

Kaw-kaw-kee (crow), Fox chief, XXIV, 316.

Kayouse Indians. See Cayuse.

Kayser, Henry, erects pier, XXVI, 161.

Kchemnito, legend of, XXIX, 374.

Kearney, Gen. Stephen W., excursion to Hot Springs, XVII, 42; at South Pass, XXX, 44, 45, 66; commands dragoons, XXVI, 137, 138; in Mexican War, XVIII, 76, XIX, 187; illness, XVII, 85.

- Kearney County (Kans.), Chouteau Island in, XIX, 185.  
 Kearney County (Nebr.), Fort Kearney in, XV, 224.  
 Keasseno (Cassino, Kiasno), Willamette chief, VI, 246, VII, 118.  
 Keating, William H., *Long's Expedition*, XIV, 25, XXII, 384.  
 Keckkelnepolin (Keskenepalen), Shawnee Indian, I, 221, 245, 250, 252.  
 Keechye Indians, stock, XX, 297; population, 342.  
 Keekatsa Indians. See Crows.  
 Keelalles, Indian physicians, VII, 110.  
 Keel-boats. See Transportation.  
 Keeling, Rev. —, in Boston, XI, 61.  
 Keemle, Col. Charles, in St. Louis, XXVI, 164.  
 Keen, —, tavern-keeper, X, 65.  
 Keene (N. H.), Evans in, VIII, 106, 107.  
 Keewausettee (who climbs everywhere), Fox chief, XXIV, 316.  
 Keezano, Chinook chief, XXI, 339, 340.  
 Kegs, manufactured, VIII, 74; equipment, XXX, 259.  
 Keisler, —, backwoodsman, on Washita River, XVII, 54-56, 228.  
 Keith, George, in Athabasca, VI, 304.  
 Keith, James, North West Company partner, VII, 254; expedition to interior, VI, 304-306; relations with Indians, 308, VII, 255, 256, 258; at Fort Spokane, 265; Fort William, VI, 389, 390, VII, 265; Oak Point, VI, 314.  
 Kekeuscung, Indian warrior, I, 251.  
 Kelhorn, —, in Indiana, XI, 289.  
 Kelley, Datus, purchases Cunningham's Island, VIII, 85.  
 Kelley, Hall J., enterprise of, XXI, 24; ignorance, 102; exaggeration, 81; Oregon Colonization Society organized, 10; expedition to Oregon, 23; President's Range named by, XXIX, 34; Oregon described by, XXI, 32, 68, 74, 100; sketch, 24, 25; *Sketch of Oregon*, 79; *Memoir*, XXIX, 33.  
 Kelley, Irad, purchases Cunningham's Island, VIII, 85.  
 Kelleysville (Ohio), origin of name, XXIV, 156.  
 Kellogg, Louise Phelps, aid acknowledged, I, 14, II, 17, III, 23, IV, 13, V, 15, VI, 18, VII, 14, VIII, 13, IX, 13, X, 15, XI, 16, XVIII, 19, XIX, 18, XXI, 16, XXII, 20, XXVI, 19, XXVIII, 19, XXX, 19; with R. G. Thwaites, *Dunmore's War*, XIV, 64, XXIV, 148.  
 Kelly, —, in Ohio, IV, 106.  
 Kelly, —, South Carolina planter, XI, 91, 94.  
 Kelly, Capt. —, guide, XXVIII, 12, 272; character of, 181, 278; caravan commanded by, 68; as a cook, 203; hunter, 186, 230, 244; encampments of, 183, 233; servant relieved by, 185; meeting with friends, 228; adventure with Indians, 233; loss of horse, 242; on South Park, 200; describes Grand River, 223.  
 Kelly, John, settlement founded by, XXVI, 318.  
 Kelsall, —, in Charleston (S. C.), XI, 104.  
 Kemp, Charles, massacred by Indians, XX, 80.



- Kendall, G. W., *Texan Santa Fé Expedition*, XIX, 161, 165, 166, 256, XX, 26, 103, 120, 141, 188, 206.
- Kendrick, Capt. John, expedition to Northwest Coast, VI, 185, XXI, 24, XXVIII, 38.
- Kendrick, Peter R., appointed by Bishop Rosati, XXVI, 165.
- Kennedy, —, Hudson's Bay Company clerk, VI, 377, 379.
- Kennedy, —, in Kentucky, III, 35.
- Kennedy, —, recommends West, XI, 165.
- Kennedy, J. H., *Early Days of Mormonism*, XXIV, 120.
- Kennedy, Patrick, explores Illinois River, IX, 190; *Journal*, X, 269.
- Kennedy, Thomas, erects fort, XIV, 131.
- Kennedy's Ferry (Ky.), location, X, 237.
- Kenney, Thomas L., quoted, XXIV, 119.
- Kenton, Simon, pioneer, XXVI, 215; in Dunmore's War, I, 131; in Kentucky, III, 35, 196.
- Kenton County (Ky.), seat, XIX, 37.
- Kentucky, significance of name, III, 224, XXVI, 53; location, II, 185, III, 222; area, 222, V, 287; topography, III, 223, 224, V, 11, VIII, 275-283, IX, 131, 281, X, 90, 219, XII, 217, 221, 225, 228, 270, 271, XVII, 105-107, XIX, 94-102; landscape beauty, XII, 12, XXVI, 231; drainage, V, 237, 274, XXII, 203; barrens, IX, 284, XVIII, 145, XXVI, 212; natural features, III, 35, 63, IX, 283, X, 41, 251, XIV, 75, 83, 90, XXVI, 65; climate, III, 237, 273, 276, VIII, 267, IX, 130, 183, 283, X, 122, 138, 139, XII, 218; minerals, III, 273, IX, 44, 122, 135, XIII, 259, XIV, 57, XVII, 234; salt-springs, III, 37, V, 276; fossils, IV, 121, 122, XIII, 216; plants and trees, III, 95, 97, 176, 200, XI, 205, XIII, 104, 301; animals, III, 197, 233-237, IV, 145, XV, 245; buffalo, XII, 19; Indians, I, 23, III, 157, XVIII, 31, XXII, 197; mounds, XIII, 347, XIX, 85, XXVI, 51; early explorers, I, 91, III, 45, V, 43, XI, 221, XXVI, 281; settlements, III, 89, 220, IV, 177, 189; Transylvania Company, 174; pioneers, X, 226, 310, XI, 184, 187, XII, 13, 49, 50, 70, XIV, 126, XIX, 221, XXVI, 212, 215, XXX, 120; characteristics, III, 193, 194, 248, 282, IV, 11, IX, 68, X, 64, XI, 193, 199, 283, XII, 13, 15, 338, XVIII, 11, 27, XXVII, 47; manners and customs, III, 210, 216, IV, 200, VIII, 344, IX, 218, 219, XI, 172, 178, 196, XII, 15, XIII, 58, XVIII, 157, XXVI, 323; religion, III, 248-250, IX, 264, 299, XXVII, 191; population, III, 161, 213, 225, 226, IV, 12, V, 287, XIX, 112; boundaries, III, 84, 216, IV, 155, 169, VIII, 258, 262, 275, X, 229, 253, 268, XII, 270, XIII, 58, XIV, 169, XIX, 31, 53, XXI, 42, XXII, 154; statehood, III, 38, 161, 226, IV, 146, X, 267; Spanish intrigue, III, 81; relations to federal government, XII, 311; capital, VIII, 53, IX, 132, XII, 222; state-house, IV, 191; governors, III, 64, 87, 179, IV, 194, X, 229, XI, 195, XXVI, 352; constitutional convention, III, 40, 44, 66, XII, 222; congressional representatives, III, 36, 39, X, 67; legislature, III, 38, IV, 181, IX, 214, XIV, 71, XIX, 138, XXVI, 65, 134; political methods, VIII, 256, 281, 282; replevin laws, IX, 221; taxes, III, 242, 279; slavery, VIII, 320, IX, 141, 193, X, 91, 96, 97, XII, 306, XIX, 32; free negroes, IX, 303, XXII, 157; land system, III, 274, 279, IV, 153, 184, IX, 11, 184, XI, 14, 163, 204, XII, 60, XIX, 40; quality of soil, III, 175, 222, 223, 254, 297, IV, 145, VIII, 141, 276, 284, IX, 128, 184, X, 68, XI, 188, 199, XIII, 142; farms, III, 196, 227, 228, IV, 197, IX, 236, XII, 12; products, XIV, 149; grain, III, 276, XI, 178, 187; cotton, X, 250; tobacco, 239, XIX, 71, XXX, 190; fruits, III, 206-209, 218, 219, 241, 269, XIII, 64; stock-raising, III, 205, 243, 245, 246, 280, X, 204, XXII, 158; roads, III, 41, 45, 46, 195, 196, 217, IV, 112, 167, 266, X, 65, 208, XXII, 208, XXVI, 76; canals, XII, 280, XXVI, 49; immigration to, III, 17, 198, 225, 226, 247, V, 272, 298, XIX, 80, XXI, 33, XXVI, 216; travelling expenses, III, 90, X, 69; settlements, III, 41, 45, IV, 11, 202, 274, V, 42, VIII, 77, 127, IX, 160,



- X, 232; hunters, I, 135, III, 63, V, 98, XVIII, 183; river-trade, III, 35, 162, 166, 180, 245, IV, 322, V, 211; commerce, III, 241, 252, IV, 229; markets, 169, 279, 352, X, 281, 282, XI, 151; exports and imports, III, 184, 203, 205, 233, 240, 241, 244, 247, 252, 260; money, 204, IV, 188, X, 188, XIII, 65; banks, IX, 133, 219, 222, XIII, 65; manufactures, III, 149, 202, 240, 278, 279, IV, 187, VIII, 275, X, 51, XIV, 81; architecture, IV, 235; schools, 184, XX, 306; crime, IX, 202, XI, 293; preachers, X, 238, XI, 283; lawyers, IX, 195, X, 229; physicians, III, 197, 206, XIII, 61; judge, IV, 169; French, III, 199, 260; Swiss, 207-209; Trappist monks, XXVI, 193; Audubon in, 65; Boones, IV, 156, 175, V, 43, XI, 220, 221, XX, 213, XXVI, 281; George Rogers Clark, III, 35, 42-44, IV, 316, 317, XIV, 74, XVIII, 30; Henry Clay, XII, 28; Kenton, XXVI, 215; Logan, III, 40; General Pike, VIII, 280; Scott, XXVII, 112; Wilkinson, IV, 245; other pioneers, III, 36, 43, 63, IV, 153, 191, 205, 263, 316, 317, VIII, 279, X, 45, 66, XVIII, 31, XXII, 390, XXVI, 215; militia, IV, 268, X, 356, XIII, 198; in Indian wars, III, 211, IV, 132, XVIII, 30; War of 1812-15, VIII, 206; travellers, Bullock, XIX, 13, 14, 136; Buttrick, VIII, 10, 48, 58; Cuming, IV, 7, 8, 11, 12, 267; Flint, IX, 9, 113; Michauxs, III, 11, 13, 16, 17, 63, 73, 168; Nuttall, XIII, 71; Ogden, XIX, 21; Pattie, XVIII, 17, 24, 29, 223; Woods, X, 232, 234, 235, 250; inhabitants met, III, 98, 198, 206, IV, 163, 169, 172, 179, 181, 204, 205, 207, 270, 359, V, 198, IX, 121, X, 62, 237, 322, XI, 107, 177, 215, 280, 288, XIII, 61, XIX, 197, XXVI, 29, 57, 310; emigration from, III, 192, IV, 298, X, 327, XI, 204, 206, XIII, 147, XIV, 134, 150, XV, 175, XIX, 189, XXVI, 75, XXVIII, 181; Lewis and Clark recruits, VI, 187, XXI, 99; hunters and trappers, XXVIII, 201, 219, 220, 239, XXIX, 17; guide, XXVIII, 193; individual emigrants, VI, 48, XX, 98, XXI, 57, 87, XXII, 282, XXX, 150, 173, 174, 225; *Gazette*, cited, III, 200, 240; *Herald*, 200.
- Kenzie, —, in Gallipolis, V, 244.
- Keokuk (Kee-o-cuck, vigilant fox), Sauk chief, XXI, 123, XXII, 217, XXIV, 316, XXVIII, 141; in Jefferson Barracks, XXII, 14; betrays Black Hawk, 217; conference with Clark, 227, 228; intercedes for Black Hawk, 229, 230; described by Maximilian, 225; sketch, 217.
- Keokuk (Iowa), Keokuk in, XXII, 218.
- Kerr, —, farmer, IV, 140.
- Kerr, Daniel, in Pennsylvania, IV, 202.
- Kesconeeek, Indian chief, II, 92, 131.
- Keskenepalen. See Keckkeknepolin.
- Kesley, Jacob, in Kentucky, III, 216.
- Ketchum, Maj. Daniel, in Engineer Cantonment, XIV, 282, 283.
- Ketchum (Idaho), railroad terminus, XXI, 244.
- Ketspenn-Nuka. See Spotted Elk.
- Kettle Indians, described by Ward, XXIX, 262, 263; mission among, 143, 273, 274. See also Cauldron.
- Kettles, Indian utensil, VII, 103, 141, XIV, 190, XV, 26, 54, 205, XXIV, 40; sacrificed to dead, XXI, 321, XXIII, 339, XXVII, 372, XXVIII, 375; article of trade, VII, 161, XIV, 310, XV, 76, 195, XVI, 207, 286, XVII, 154, XXIII, 322; exchanged for buffalo, VI, 365; for horse, XVI, 203; as present, XIV, 239, XV, 54, 124, XXIII, 320, XXIV, 40; stolen, VI, 310, VII, 259, XIII, 255, XVI, 114; as equipment, VII, 128, XVI, 13, 184, XXVI, 84; brass, VI, 264, XIII, 255, XIV, 190, 311, XV, 76, 205, XXVIII, 375; camp, XIV, 307, XIX, 206, XXI, 33; iron, XXII, 322, XXIX, 17; wooden, VI, 328.
- Kettonstone, in Illinois, V, 278.

- Kewaughtchenunaughs, Okinagan tribe, VII, 275, 276.
- Kewaughtohenemachs, probably Piquow tribe, VII, 146.
- Key, Francis Scott, author, X, 189; lawyer, XII, 61.
- Keyassno, Kalapuya chief, VII, 230, 232.
- Keyheynapalin, Indian chief, I, 220.
- Keys, Florida, Evans on, VIII, 361; in Gulf of Mexico, IV, 373.
- Kiaiu-Stoman (bear knife), in Fort McKenzie, XXIII, 157.
- Kiasax (l'ours gauche, left-handed or awkward bear), Blackfoot Indian, XXII, 356; Maximilian visits, XXIV, 71; relations with Assiniboin, XXIII, 22; on "Assiniboin," XXII, 363, 364; portrait, 367.
- Kiasno. See Keasseno.
- Kiawa Indians. See Kiowa.
- Kichai Indians, of Caddo family, XIII, 133.
- Kickapoo Indians, habitat, I, 139, 169, VIII, 287, XIX, 72, XXII, 178, XXVIII, 144; on Wabash River, I, 144; on Missouri, XXIV, 113; in St. Louis, XXII, 237; reservations, 254, 256, XXVIII, 141; stock, XX, 297; dialect, XXIV, 208, 209, 228; character of, 114; hostility, XXVII, 22, 71; atrocities, 104; number of warriors (1765), I, 169; population, XX, 317, XXVIII, 121; number in Indian Territory, 121; agriculture among, XX, 317; attack Croghan, I, 138, 139; peace with English, 154, 308; hostile to, 169, 314; in War of 1812-15, XIV, 133, XXVI, 280; treaty with United States, XXII, 254, XXIV, 114; described by Farnham, XXVIII, 140, 141; sketch, I, 139, VIII, 287, XXVIII, 141.
- Kidney-bean (*wisteria speciosa*), described by Nuttall, XIII, 98.
- Kilapoux Indians, population, XXVII, 166.
- Kilbourne, Col. John, town founded by, XXIV, 151; compiles *Ohio Gazetteer*, 155.
- Kildeer (*charadrius vociferus*), observed by Long, XV, 322.
- Kildonan, on Red River, VI, 381, 391.
- Kilham, —, abandons Oregon expedition, XXI, 48.
- Killamook Indians. See Tillamook.
- Killbuck (Gelelemend), Delaware chief, I, 211, 220.
- Killistnoe Indians. See Cree.
- Kimball, Moses, purchases museum, XXII, 49.
- Kimberley, —, tavern-keeper, X, 211.
- Kimberly, —, land proprietor, IV, 111.
- King, Col. —, in Tennessee, III, 58, 59.
- King, Charles B., portrait painter, XII, 51, 91.
- King, Grace, *New Orleans*, XIX, 121.
- King, Mitchel (Michael Kinggo), in Charleston, XI, 66, 72, 94, XII, 72, 74; letter to, XI, 66; policy, 90; acknowledgment, 121; advice to Faux, 96; sketch, 72.
- King, Richard, *Journey to Frozen Ocean*, XXIII, 190.
- King, Rufus, in constitutional convention, XII, 36; opinion on slavery cited, 55; in Jamaica (L. I.), 77; described by Faux, 36-39.
- King, Thomas, Oneida Indian, I, 279.

- "King of the Lake," Canadian fisherman, VI, 378.
- "King Wampum," nickname of Israel Pemberton, I, 290.
- King's Mountain (Tenn.), battle of, I, 91, III, 55, 56, 63, IV, 181.
- King-birds, habitat, XXII, 384.
- Kingfishers, habitat, III, 76, XIV, 100, 101, XXII, 209, XXIII, 213, XXIV, 111; numerous, XXIII, 183, 186; observed by Bell, XVI, 254; Maximilian, XXII, 148, 151, XXIV, 147, 149; ash-colored, XXII, 80; belted (*alcedo alcyon*), XV, 322, 327, XVI, 240, XXII, 189, 201; great blue, XIX, 130.
- Kingo, Michael. See King, Mitchel.
- Kings County (N. Y.), New Utrecht in, IX, 34.
- Kingsessing (Pa.), Bartram in, XIII, 202.
- Kingsford, William, *Canada*, II, 219.
- Kingsport (Tenn.), road, III, 46.
- Kinney, Gov. William, founds Lebanon (Ill.), XXVI, 251.
- Kinnikinic (kanikanik, kinikenick), Indian tobacco, XV, 122, XXI, 146, XXII, 313, 391.
- Kino (Kuehno, Kühn), Father Eusebio, in desert, XVII, 191; visits Casa Grande, XX, 68.
- Kinton, Thomas, Indian trader, I, 62.
- Kingston (Can.), English in, IX, 323; Flint, 313, 320-322; Loyalists, II, 13, 44, 49; population, IX, 322.
- Kingston (N. J.), post-station, XXII, 61.
- Kingston (Tenn.), frontier outpost, III, 60, 265.
- Kiowa Agency, Delawares on, XXVIII, 138.
- Kiowa (Kiawa) Indians, stock, XX, 297; resemble Ietan, XVI, 234; habitat, XV, 282, XVI, 95; language, 210, XXVIII, 138; population, XV, 157, XX, 342; diseases, XVI, 210; elopements among, XX, 115; treachery, 134; depredations, 70, 134; relations with other tribes, XV, 157-160, XVI, 215, XVII, 154, XX, 109; with French, XV, 274; Spanish, XVI, 55; traders, XIX, 186; interpreters, XVI, 200; Bell, 196, 209, 215, 216; Pursley, XIX, 173; described, XVII, 156-158; view of encampment, XVI, 196.
- Kipp, James, fur-trader, XXII, 345, 363, XXIII, 228, XXIV, 16, 19, 45; as interpreter, XXIII, 301, XXIV, 18, 68; philologist, 12, 234, 235; physician, 19; builds post, XXIII, 84, 85, 214, 223, 225, 228; commands Fort Piegan, 19; Fort Clark, 221, 223, XXIV, 11, 92; Fort Union, XXVII, 149, 367; expedition to, XXIV, 17, 52, 53, 55, 62, 63; to Lake Traverse, XXIII, 227; to Yankton post, XXIV, 63; episodes, XXIII, 241, XXIV, 45, 48, 54, 73, 76; relations with Catlin, XXIII, 324; Maximilian, 255, 366, XXIV, 13, 23, 69, 76, 82, 83; with Indians, XXIII, 132, 226-229, XXIV, 14, 15, 42, 63, 77; meteorological observations, 240; family, 39; sketch, XXII, 345.
- Kipsan-Nüka (little tortoise), half-breed Mandan, XXIV, 17.
- Kirkendale, Joseph, on Arkansas River, XIII, 131.
- Kirker, James, expedition against Navaho and Apache, XX, 103.
- Kirkland, Samuel, missionary to Oneida, XXIV, 183, 186.
- Kirkpatrick, Maj. Abraham, in Pittsburg, IV, 253.
- Kirkpatrick, Thomas, sketch, XXVI, 197.
- Kirwan, Richard, scientist, V, 276, XVII, 44.
- Kishtsamah (Chacha), Indian bad spirit, VII, 274.

Kiskemeneco, Post in, I, 246.

Kiskopoko Indians, Shawnee tribe, XXII, 200.

Kites (birds), observed by Long, XV, 318; Maximilian, XXII, 278; Say, XIV, 164.

Kitsipooch-Kiaiu (spotted bear), in Fort McKenzie, XXIII, 157.

Kittanning (Pa.), Delaware town, I, 22, 23, 247, VIII, 246; Armstrong's expedition against, I, 83; Delaware Jo in, 84, 86.

Kittiuskund, Indian chief, I, 257, 278, 280, 284.

"Kitty," George Gay on, XXX, 174.

Kitunahan Indians, linguistic affinity, XXVII, 357.

Klalam Indians. See Clallam.

Klamath (Klamet) Indians, tribes, XXI, 329; population, XXIX, 99.

Klatstoni (Clatscania) Indians, habitat, VII, 102; flatten heads, XXI, 303.

Klein, Peter, founds Littlestown (Pa.), III, 50.

Klickitat County (Wash.), mountains in, XXVIII, 356.

Klikitat Indians, Shahaptian tribe, VI, 340; physique, XXI, 306; flatten heads, 303, 304, 306; dialect, XXVII, 387; dress, XXI, 307; Townsend with, 302, 342; visit Wyeth, 306.

Knabenshue, S. S., *Indian Land Cessions in Ohio*, XIX, 77.

Knappa (Oregon), site, XXX, 203.

Knife Chief (Laceechnesharu, Lachelecharu, Latelesha), Pawnee chief, XV, 150, XVII, 153; character of, XV, 153; lodge, 155; human sacrifice abolished by, 153-155; relations with Long's expedition, 210-213; relations with, 157; present to, 157; speech to O'Fallon, 348, 349; described, XIV, 243.

Knife Holder. See Tchatka.

Knife Indians, relationship, XXIX, 278, 279; population, 279.

Knighton, H. M., expedition to Oregon, XXX, 120, 121.

"Knights of the Golden Horseshoe," origin, XXVI, 216, 217.

Knives, Indian, how made, XIII, 357; Indian weapon, I, 307, VI, 290, VII, 105, 141, 169, 300, 301, VIII, 68, 70, 72, XI, 211, 221, XIV, 190, 205, XV, 34, 159, XXII, 224, 246, XXIII, 103, 358, XXIV, 80, XXVI, 147; buried with Indians, XXVII, 165; as offering, XXIII, 339; article of trade, VI, 257, XI, 46, XIV, 307, 310, XV, 192, XVI, 207, XVII, 154, XVIII, 68, XXI, 32, 64, 100, 255, 261, 306, 329, 330, XXIII, 167, XXX, 94, 235; barter, XVI, 119, XVIII, 227; present, I, 43, 160, V, 117, VI, 137, 245, XVI, 200, 212, 235, XXI, 245, XXIII, 161, XXIV, 62, 68; stolen, VII, 191, XXIV, 104; as equipment, VIII, 32-34, X, 73, 79, XIV, 133, XVIII, 37, XIX, 201, 206, XXI, 33, 219, 253, 255, XXVIII, 56, 57; butcher, as equipment, XX, 266, XXVIII, 80; surgical instrument, XIX, 210; article of trade, XXVIII, 253; used by Indians, 261; price, 316; drawing, XIX, 334, XXX, 219; fruit, XII, 217; long, VIII, 224, XV, 221; pen, VII, 68, XII, 164, XIII, 253; pocket, XX, 186; side, XXVIII, 82; table, XIX, 294, XXIX, 17; wooden, XXIII, 261; Mexican weapon, XIX, 343; Spanish, XVIII, 74. See also Indians: Weapons.

Knob Licks (Ky.), A. Michaux in, III, 41.

Knox, Gen. Henry, in Revolution, IV, 323; in Tennessee, III, 59; fort named for, VIII, 285; friend of Belli, IV, 163.

Knox & Pemberton, transportation agents, X, 221.

- Knox County (Ill.), in bounty tract, XXVI, 128.
- Knox County (Ind.), stream in, XXIV, 136.
- Knox County (Nebr.), creek in, XXII, 285.
- Knox County (Ohio), seat, IX, 306; Flint in, 298.
- Knox County (Tenn.), Young in, XX, 23.
- Knoxville (Tenn.), location, III, 265; plants in, 97; road, 58; state capital, 265; trade, 266; prices, 270; Blount in, 96; A. Michaux, 59, 60, 96, 104; F. A. Michaux, 253, 255, 265, 266; population, 265; sketch, 59, 265, 266; *Gazette*, 95, 267, 275.
- Koaster, Johann, ship-carpenter, VI, 195, 242.
- Koch, —, steals Indian collection, XI, 263.
- Kochia*, habitat, XVI, 121.
- Kocomenepeca, in Astoria, VII, 101.
- Kodiak, hunters, VI, 286.
- Koeye-wood, VII, 71.
- Kojees (bean), in Indian legend, XXIX, 375.
- Konsekeda, Indian game, XIV, 306.
- Konza Indians. See Kansa.
- Kookoosint, Indian name for Thompson, VII, 139.
- Kootenai County (Idaho), lake in, XXVII, 339.
- Kootenai Flat, as a portage, XXIX, 209.
- Kootenai River Traverse, De Smet on, XXIX, 200.
- Kowalitsk Indians, habitat, XXI, 342; flatten heads, 303; pilots, 309.
- Kowrowa (Hawaii), location, VII, 58.
- Kraimoku, Hawaiian prime-minister, VI, 216, 217.
- Kramers, —, in New Geneva (Pa.), III, 336.
- Kreluit Indians. See Skilloot.
- Krudger, —, invents arks, III, 335.
- Krugg, —, in Philadelphia, XI, 107, 163.
- Krumbhaar, —, meets Maximilian, XXII, 64, 65.
- Kuckquetackton (Koquethagechton), Delaware chief, I, 210, 211.
- Kuhns, Henry, founds New Oxford (Pa.), III, 369.
- Kuskuskis (Coscosky, Kuskusking), location, I, 249; Delaware village, 26; Indians in, 60, 270, 271, 288; councils, 27, 28, 196-199, 218-226, 285; Post, 192, 193, 200, 211, 227, 245, 247, 249, 250, 279; population, 196; sketch, 26.
- Kutenai (Cootanie, Coutanai, Coutoun, Kootenay, Kootenai, Kutana, Kutanih, Kutnehä, Kutonachä, Kutunä, Skalzi) Indians, habitat, VII, 211, XXIII, 154, XXIX, 203; on Jocko reservation, XXVII, 141; branches, XXIX, 192, 200; population, XXVII, 166; language, XXIII, 144, XXIX, 420; vocabulary, XXIV, 232-234; relations with Blackfeet, XXIII, 95, 98, 100; trading-post among, 90; mission among, XXIX, 122; De Smet, XXVII, 357, 358, XXIX, 203; conversion of, 203, 204, 236; number converted, XXVII, 319; baptized by De Smet, 336, 358, 381; chapel among, XXIX, 143; Doucette, XXIV, 50; McKenzie, XXIII, 153, 154; described, XXIV, 234, XXVII, 166; sketch, VII, 211, XXIII, 90.



Kutona, Blackfoot Indian, XXIII, 100.

Kutonapi (old Kutona), meets Maximilian, XXIII, 132, 148; hospitality, 133; present to, 160, 161; fights Assiniboin, 151, 152; in Fort McKenzie, 134, 153; speech to Mitchell, 134, 135.

Kutztown (Pa.), Maximilian in, XXII, 130.

Kwantlum Indians, converts among, XXIX, 150.

Kwaragkwante, Louis, Iroquois Indian, XXIX, 255, 256.





**BROOKLYN PUBLIC LIBRARY**  
CENTRAL SERVICE  
GRAND ARMY PLAZA  
BROOKLYN 38, N. Y.

